

# **Vasc-Alert On-line User's Guide**

## Welcome to the Vasc-Alert Documentation Center

Welcome to the Vasc-Alert Documentation Center!

Expand all Collapse all

See also:

- Vasc-Alert's main website (http://www.vasc-alert.com)
- Customer Login

## Vasc-Alert On-Line User's Guide

Vasc-Alert is an online software-as-a-service application (program) intended to alert dialysis center personnel of increased risk of access site stenosis for individual hemodialysis patients. Vasc-Alert uses measurements routinely collected during dialysis treatment in a electronic medical record. Some of the data recorded is generated by a hemodialysis machine, such as pressure and flow rate. Vasc-Alert applies this data to a previously published algorithm called the Vascular Access Pressure Ratio Test (VAPRT) to these measurements. The average VAPRT result for each treatment session is stored in a Vasc-Alert database. Reports are issued by Vasc-Alert, listing patients with high readings on three consecutive treatments. Hemodialysis center personnel can use the report as a tool to proactively monitor incipient stenosis and prompt proactive intervention to avoid site closure. The Vasc-Alert Online Application provides an easy and secure way to view information on your patients, download reports, and upload treatment run data to Vasc-Alert.

Important: The Vasc-Alert System is not a diagnostic tool.

The reports issued by Vasc-Alert should be considered only as prompts for the appropriate medical personnel to examine patients more closely using traditional methods such as physical examination of the access site, or angiogram. The use of Vasc-Alert does not replace the need to monitor dialysis patients according to the standards already in place at your center.

Federal law restricts this device to sale by or on the order of a licensed health care practitioner.

Version 2.01

December 12, 2020

Download the Vasc-Alert User's Guide in PDF format

## Logging In

To get to the Vasc-Alert Online Application, start at the regular Vasc-Alert web site http://www.vasc-alert.com and click on the Customer Login link on the top bar.

If you have not received your user name and password from Vasc-Alert, please contact support@vasc-alert.com.							
Home				Customer	Login   Conjet Us		
VASC-ALERT	it's al	l about	PR	ESS	URE		
	Resource Area	Services	Advantages	Getting Started	Educational Material		

When the login screen appears, enter your name and password, then click "Accept Terms and Login. Forgotten your password? Read on...

	VASC-ALERT Vasc-Alert Online User Login
Please enter your usern username:	ame and password, then press login. demo123
VASC-ALERT TE PLEASE READ T BEFORE USING By CLICKING "AC authorized agent of	RMS AND CONDITIONS OF USE HESE TERMS AND CONDITIONS OF USE CAREFULLY THIS SITE. CEPT TERMS AND LOGIN" you represent that you are an employee or a Vasc-Alert Customer. You agree that you are an authorized user of
the Vasc-Alert serv contains confidentia and Accountability A ("HIPAA") to ensure agree to use this sit You agree that you	ice and have been granted access to this web site knowing that it I public health information as defined by the Health Insurance Portability act of 1996 and its implementing regulations (45 C.F.R. Parts 160-64) the integrity and confidentiality of Protected Health Information. You to perform data submission or retrieval on behalf of your employer. will not use this site in any manner that is illegal and will not introduce. Clear login information Accept Terms and Login

#### **Resetting your Password**

If you have forgotten your password, or want to change it to something that is easier for you to remember, you can now take care of this yourself without having to contact Vasc-Alert support. The first time you enter an incorrect password, or leave the password field empty, a warning message shows up on the login screen. The second time, the login screen will display a link for you to reset your password.

Have you forgotten your password? Request password reset by clicking here

Clicking on the "Request password reset..." link will bring you to a page containing a form to request a reset email. (You can access that page directly by going to the following URL: https://www.vasc-alert.com/VA/WebObjects/WOVascAlert.woa/wa/requestPasswordReset) Enter your user name (login) and your email address which must match the email address we have on record for you.

VASC-ALERT							
Request Pa	ssword Reset						
Enter your user name	and email address to request a reset of your password.						
username:	user name						
email:	email address						
	Request Password Reset						

Next, check your email for a message from Vasc-Alert support. Part of the email is shown below.

VASC-ALERT Vasc-Alert Online User Account Request
A request was made through Vasc-Alert Online to reset your password. If you did not make this request, please contact Vasc-Alert Support at . 765-775-2525 The following link will direct you to a form on Vasc-Alert Online where you will be able to reset your password:
Click this link to reset your password
Thursday 30 July 2020This link will be active for forty-eight (48) hours from the time of the request (The request was recorded on at 03:12 PM.)
Vasc-Alert Technical Support support@vasc-alert.com 765-775-2525
IMPORTANT WARNING: This e-mail is intended for the use of the person to whom it is addressed and may contain information that is privileged and confidential, the disclosure of which is governed by applicable law. If the reader of this e-mail is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this information is STRICTLY PROHIBITED. If you have received this message in error, please notify us immediately and delete the related e- mail.

Follow the link in the email to a web page where you can reset your password. Please note that the link in the email will only work for 48 hours, and you can only use it once.

When you follow the link, you will arrive at the password reset page.

Our password policy is displayed on the right of the screen. The password you create must:

- be at least six characters long
- contain upper and lowercase letters
- contain at least one number
- user name and password cannot be the same

The page includes some randomly generated passwords that you can use if you do not want to make up your own password.

#### Getting Around- some general tips

The menu bar and navigation bar appear at the top of every page.

#### The Menu Bar

VASC-ALERT	PATIENT DATA	FILES	SUPPORT	DOCUMENTATION	PODCASTS	FAQ	logged in as	Demo User	[ logout ]

The menu bar contains these choices:

Patient Data

Click on this option to search for and work with your patients.

Patient Search Access Summary Referrals Interventions

For more information, see the sections on Patient Search, Access Summary, the Referral Module, and Interventions.

Files

Click on this option to go to the Files page where you can access reports no longer available on the Home page.

• Support

Click on this option to get to the Support page.

Documentation

Click on this option to get to the Vasc-Alert On-Line User's Guide.

Podcasts

Click on this option to view any of the following podcasts:

- Navigating Vasc-Alert Online
- Printing Vasc-Alert Reports
- Referrals and Interventions in Vasc-Alert
- FAQ

Click on this option to view frequently asked questions.

The logout link is is on the right side of the Menu bar.



The navigation bar shows you where you are and how you got there. The first section will always take you back to the home page. The second section shows which center you are working with. If you have access to more than one center, you will need to select one of them before you can do anything except download reports on the home page.

Once you have chosen the center you would like to access a list of patients on alert will appear on the left portion of the screen. See The Home Page.

Next: The Home Page

Use of the back button on your browser is not recommended as security features built into the site may prevent you from displaying pages you visited earlier.

#### The Home Page

			- O <b>X</b>
🗲 🕢 🔀 https://www.vasc-alert.com/VA/Web( 🔎 👻 🔒 🗟 🖒 X	< 🔀 : Vasc-Alert Web Services 🛛 🗙		6 🕁 😳
<u>File Edit View Favorites T</u> ools <u>H</u> elp			
VASC-ALERT PATIENT DATA FILES	SUPPORT	logged in as Oliver Twist [ log	out ]
home Vasc-Alert Training Facility 3	•		_
Patients on alert: Vasc-Alert Training Facility 3 The following is a list of patients have been treated at Vasc-Alert Training Facility 3 within the last 30 days and have had at least one alert during that time.	Quick Search Patient Name or MRN	Upload Files Vasc-Alert Training Facility 3 You can use this upload form to send data files ( any other setup or configuration change information.	
COURTON, LAN IVA-191262E3DBEI alerts 2 most recent alert 06/05/13 LISOWSKI, LAVONA IVA-893152B768DI alerts 2	search	Browse Upload	
OSMON, MARYLN [VA-691122B6D7D] alerts 2 most recent alert 06/08/13	Files for Download Vasc-Alert Training Facility 3		
SEABREEZE, KIZZY [VA-6969621F369]         alerts         2           most recent alert         06/04/13           ZPUTE         SER, LOIS [VA-512562F4695]         alerts         2	VA         WeeklyRep         VATRAIN3         20130612093833.10         Jun 12         2013           VA         MgmtRep         VATRAIN3         20130605140802.1001         Jun 06         2013	News and Announcements	E
NUC S. HAYDEN [VA-27194AFF7F] alerts 1 most recent alert 05/30/13	VA. WeeklyRep. VATRAIN3. 20130530152010.10         May 30 2013           VA. WeeklyRep. VATRAIN3. 20130522135338.10         May 22 2013           VA. WeeklyRep. VATRAIN3. 20130522135723.10         May 22 2013	The latest release of Vasc-Alert reports includes an adjustment to provide more complete reports for chronically hypotensive patients and for those who have sporadic drops in blood	
VAN TOBY (VA-52693E418D) alerts 1 most recent alert 06/04/13	VA         WeeklyRep         VATRAIN3         20130522140107.10         May 22 2013           VA         WeeklyRep         VATRAIN3         20130522140452.10         May 22 2013	pressure during treatment. Historically, we have excluded calculations where the mean arterial pressure was below 65. We have adjusted the minimum acceptable value to 60. Many centers have small subset of nationale value to form	
	VA         WeeklyRep         VATRAIN3         2013         21405         0         May 22         2013           VA         WeeklyRep         VATRAIN3         2014         214083         May 22         2013           VA         WeeklyRep         VATRAIN3         2013         2214083         May 22         2013           VA         WeeklyRep         VATRAIN3         2013052213301         May 22         2013	blood pressure, which in itself is a risk for access thrombosis.	
		'	
	ts pending.		

The home page includes these areas:

1. The Patients on alert area shows a list of all patients on alert during the last 30 days. This is the same information that appears in the two Alert Lists that are part of the weekly report package. If you are responsible for more than one center, you will have to select the one you want from the navigation bar.

Clicking on the name of a patient in this list will take you directly to the Patient Detail report for the patient. For more information about the Patients on alert list, see Who is on Alert?

- 2. The Quick Search area lets you search for a patient from the home page, without having to go through the general Patient Search page. You can search for a patient by name or by MRN.
- 3. The Files for Download area gives you access to the reports and other files available for you to download. When you receive an email from Vasc-Alert telling you that new reports are available for download, this is where you will find them. For instructions, see Downloadin g Reports. For details about the different reports, see Vasc-Alert reports.

The Home Page gives access to the ten most recent files for all centers you are responsible for. If you need to download older files, you should go to the Files page by clicking on the FILES link in the menu bar.

- 4. The Upload Files area is for sending treatment run and lab files to Vasc-Alert for processing. If you are responsible for more than one center, you will have to select the one you want from the navigation bar before you can use this feature. For instructions, see Uploading Treatment Files to Vasc-Alert
- 5. News and Announcements

#### **Downloading Reports**

You can download reports and other files from two locations. The "Files for Download" area of the Home Page shows the most recent sets of reports.

Files for Download							
Most recent files are available below. For complete access to all files, <u>click on the "Files" menu or this link.</u>							
Vasc Alert Training	data						
	Dec 22 2040						
	Dec 23 2010						
WA TRAI 155 20101125.200							
APRAIertList TRAI 155 2910112322g	Oct 15 2009						

If you need to download earlier files which are no longer on the Home Page, click on **FILES** in the main navigation bar. This takes you to a page where you can access your previous reports (depending on your start date), going back to May 2017. Use the navigation buttons indicated to browse through all the pages in the list. You can also upload files to us from this page.

Clicking on the name of a file or set of reports starts the download process. Usually a message pops up, asking you if you want to save or open the file. Because Vasc-Alert reports contain PHI (private health information), we **strongly recommend** that you save the file to a safe location on your hard drive or network before opening it.

Download Files for VASC-ALER	T TRAINING FACILITY	
1 9 Shaw 20 litems pe	Next >	Upload Files
file name	date	configuration change information.
VA TRAIN 157 20120218.zip	Feb 20, 2012 11:23 PM	
MGMT TRAIN 157 Jan2012 zip	Feb 15, 2012 06:06 AM	Unload files
VA TRAIN 157 20120204.zip	Feb 06, 2012 11:23 PM	opioau nie.
VA TRAIN 157 20120128.zb	Jan 30, 2012 10:22 PM	
VA TRAIN 157 20120121.zip	Jan 23, 2012 11:23 PM	file: Browse_
VA TRAIN 157 20120114.zip	Jan 16, 2012 08:20 PM	upload file
VA TRAIN 157 20120107.zip	Jan 12, 2012 12:00 AM	uproad me
MgmtRpts 157 TRAIN Dec2011.zip	Jan 10, 2012 03:15 PM	
VA TRAIN 157 20111231.zip	Jan 05, 2012 12:12 PM	
VA TRAIN 157 20111224.zb	Dec 27, 2011 01:01 AM	
VA TRAIN 157 20111217.zb	Dec 19, 2011 02:14 PM	
MgmtRpts 157 TRAIN Nov2011.zip	Dec 16, 2011 04:16 PM	
VA TRABLACT CONSIGNATION	Dec.40.0044.44.00.044	

#### **Vasc-Alert reports**

#### Weekly reports

There are six reports which are generated on a weekly basis:

- Patients with VAPR alerts in the past 30 days
- Patients with AAPR alerts in the past 30 days
- Patients on alert in the past 30 days
- Patients not on alert in the past 30 days
- Patients with CVC treatments in the past 30 days
- Weekly access report

#### **Monthly Management Reports**

The Vasc-Alert management reports provide an upper-level view of the center results. These reports are generated on a monthly basis. While the weekly reports give information about specific patients, the management reports are designed to let you monitor trends in center performance. These reports contain information for the prior six months.

Management reports for the prior month are generated in the first full week of the next month.

- Monthly Management Reports: Access Type Distribution
- Monthly Management Reports: Patients on Alert by Month
- Monthly Management Report: Blood Flow Rate Deviation Report

#### Weekly VAPR and AAPR Alert Lists

The weekly **VAPR Alert List** shows the patients who have been issued at least one VAPR (Vascular Access Pressure Ratio) alert within the time frame defined at the top of the report. A patient appears on the alert list when he/she has had three consecutive treatments with VAPR results above the defined threshold. The threshold is 0.55 for both fistula patients and graft patients.

Patients highlighted in yellow have had alerts since the last reports were issued. The report also shows the date of the two most recent alerts and the number of alerts within the past 90 days. The number of alerts within the past 30 days is shown in red to the left of the name.

If an alert has been issued, a clinician should try to determine the cause of the elevated pressure reading, rule out any correctable cause of pressure elevation, and then refer the patient for intervention if necessary.

The AAPR Alert List is similar to the VAPR alert list but shows patients who had AAPR (Arterial Access Performance Ratio) alerts. The AAPR threshold is 0.65 for fistula patients and 0.60 for graft patients.



#### Weekly Patient Detail Reports

#### Patients on Alert and Patients not on Alert

Vasc-Alert issues three sets of **Patient Detail** reports. One set covers patients who have been issued a VAPR or AAPR alert within the previous 30 days. The Patient Detail reports make it easy to identify patients with increasing trends or consistently elevated VAPR or AAPR values, so timely referrals can be made.

The second set of Patient Detail reports includes patients who are eligible for intra-access pressure calculations, but have not been issued a VAPR or AAPR alert within the previous 30 days. Even though a patient has not had a recent alert, the clinical staff may want to review the report to identify early trends before the patient moves onto the alert list. Staff can also review other non-alerting patients that they may have concerns about for other indicators of potential problems such as a drop in blood flow rate.

Each patient's report has five graphs, showing 6 months of data for VAPR and AAPR calculations, average session blood flow rate, average session venous pressure and average session negative arterial pressure. A moving average is displayed on top of the actual values, to make trending easier to see. Alerts on the top two graphs are indicated with red vertical lines. The table on the right side of the report shows the numeric values for the most recent 30 treatments.

The third set of Patient Detail reports includes patients who have one or more treatment on a CVC within the previous 30 days. VAPR and AAPR calculations are not done for CVC treatments. Therefore, if the patient has only had treatments on a CVC in the previous 6 months, then the VAPR and AAPR graphics will appear blank. Average session blood flow rate, average session venous pressure, and average session arterial pressure will be displayed for all treatments despite the type of access recorded in the treatment record.

## SC-ALERT

## Vasc-Alert Patient Detail Report

Average Session Values

## **HIEDI APUZZI** VA-8926TCHAP VASC-ALERT TRAINING CENTER











date	VAPR	AAPR	BFR	VP	AP
11/20/10	Graft Loop Ar	terial Outer	15		
11/20/10	0.145	0.418	450	174	-192
11/18/10	0.128	0.345	450	186	-154
11/16/10	0.209	0.324	450	197	-168
11/13/10	0.529	0.409	450	194	-185
11/11/10	>> 0.628 <<	0.412	450	200	-188
11/09/10	0.571	0.376	425	163	-172
11/06/10	0.676	0.405	450	195	-183
11/04/10	0.446	0.379	400	154	-155
11/02/10	0.642	0.481	350	172	-186
10/30/10	0.166	0.451	400	162	-209
10/28/10	0.508	0.397	400	170	-159
10/26/10	0.393	0.324	400	151	-130
10/21/10	0.676	0.364	400	174	-166
10/16/10	0.446	0.345	400	156	-141
10/12/10	0.739	0.446	450	205	-186
10/09/10	>> 0.864 <<	0.289	400	194	-116
10/07/10	0.989	0.380	425	212	-164
10/05/10	0.948	0.383	400	201	-159
10/02/10	>> 0.670 <<	0.345	400	196	-137
09/30/10	0.907	0.546	400	232	-218
09/28/10	0.741	0.305	400	221	-122
09/25/10	>> 0.649 <<	0.368	386	195	-141
09/23/10	0.778	0.159	329	181	-66
09/21/10	0.598	0.326	400	198	-138
09/18/10	>> 1.640 <<	0.379	386	284	-155
09/16/10	1.070	0.372	400	240	-150
09/14/10	1.894	0.369	375	298	-141
09/11/10	0.362	0.304	400	212	-148
09/09/10	0.686	0.353	400	227	-144
09/07/10	>> 0.818 <<	0.398	400	256	-157
	a disconcer and a set				

values over threshold

The threshold for VAPR values is 0.55 for fistula patients, and 0.55 for graft patients. The threshold for AAPR values is 0.65 for fistula patients, and 1.1 for graft patients. The threshold for VP values is 250. The threshold for Negative AP values is -250.



#### Weekly Access Report

The **Weekly Access Report** lists the accesses for every patient that we have received data on within the defined one month time frame located at This data reflects what was sent to us from your EMR. The report allows you to review each patient to find those with incomplete or missing acces update the information in your EMR. This ensures that Vasc Alert is receiving the most up-to-date information about patient accesses, and it can a the accuracy of your medical records.



## Access Summary

(based on most recent access reported for each patient)

access type	15	16	17	NO GAUGE
Fistula	24	18	1	1
Graft Loop Arterial Inner	2			
Graft Loop Arterial Outer	24	1	1	
Graft Straight	2			
Tunneled Catheter	1			21
total	53	19	2	22

## Patient Access Recent History Detail

patient name [mrn]	date	access type	ve
ABAUNZA, TOI[ VA-9643QETAB]	2010-11-20	Fistula	
AHL, ALEXANDRIA[ VA-9732NDAAH]	2010-11-19	Fistula	
APUZZI, HIEDI[ VA-8926TCHAP]	2010-11-20	Graft Loop Arterial Outer	
BATRES, CORNELL[ VA-2945HMCBA]	2010-11-05	Graft Loop Arterial Outer	
BATTERMAN, BOBBI[ VA-2499XEBBA]	2010-11-19	Graft Loop Arterial Outer	
BELDING, ANDREE[ VA-8699NLABE]	2010-11-20	Tunneled Catheter	Ν
BEVILAQUA, MITCHELL[VA-3592IDMBE]	2010-11-19	Fistula	
BLINN, ALEX[ VA-3729SDABL]	2010-11-20	Tunneled Catheter	N
BOENSCH, WEN[ VA-9466OEWBO]	2010-11-20	Graft Straight	
BOSSART, DEVORA[ VA-7294HMDBO]	2010-11-19	Tunneled Catheter	N
BOUGHNER, GERTRUDIS[VA-9598SSGBO]	2010-11-19	Fistula	
BRAKEMAN, HANK[ VA-2894TTHBR]	2010-11-20	Tunneled Catheter	
CALABRIA, JOLYNN[ VA-3959SBJCA]	2010-11-20	Tunneled Catheter	N
CARRIZO, JENIFER[ VA-7926IKJCA]	2010-11-19	Fistula	
CASACCHIA, DELFINA[VA-8934TSDCA]	2010-11-17	Graft Loop Arterial Outer	
CATANZARITE, TATIANA[ VA-5812XKTCA]	2010-11-19	Tunneled Catheter	N
CAWTHORNE, MOLLIE[ VA-6729XNMCA]	2010-11-19	Fistula	
CHEAIRS, DOYLE[VA-1942MBDCH]	2010-11-19	Fistula	
CHIEVES, CHERILYN[VA-6293HSCCH]	2010-11-20	Graft Loop Arterial Outer	
	2010-11-06	Tunneled Catheter	N

#### Monthly Management Reports: Access Type Distribution

The Access Type Distribution Report shows the number and percentage of patients using different types of access: AV fistula, AV graft, and ca report to monitor progress towards the goal of increasing the number of patients using fistulas. If the percentage of patients on catheters rises sud trigger to look more closely at what may have changed inside the center.



#### Monthly Management Reports: Patients on Alert by Month

The **Patients on Alert by Month Report** indicates by percentage the number of patients who received an alert in the past 30 days. Ideally, this representage a gradual decline in the percentage, although the percentage will level out at some point. Continued high values may indicate that patients a referred for intervention.

Note: Centers with a small number of patients can show a lot of variation from one month to the next if even one or two patients change thei status.



Patients on Alert by Month Vasc-Alert Training 6 month period ending March 2012

This report summarizes the number and percentage of patients who are on alert at a given dialysis facility. The bar graph shows the total number of patients (grey bar) and those on alert (red bar). The percentage 'on alert' is shown by the trend line.



Vasc-Alert On-line User's Guide

#### Monthly Management Report: Blood Flow Rate Deviation Report

If the data uploaded to Vasc-Alert includes the prescribed BFR, you will also be able to use the **Blood Flow Rate Deviation Report** to compare th prescribed blood flow rate with the achieved blood flow rate for each patient. Patients are ordered by the percentage of difference between prescri and actual rates during the most recent month. Part of a successful vascular access management program would likely include assessing patients are not achieving their prescribed BFR for potential access complications or appropriate changes in their hemodialysis order.



## Average BFR Compared to Prescribed BFR Vasc-Alert Training March 2012

This report shows the average blood flow rate (BFR) as it compares to the Prescribed BFR for the month. The report is sorted by percentage of deviation of the average from the Prescribed. Vasc-Alert calculates the average BFR for each session from the treatment run data received. The average noted on this sheet is the average for all the treatments in the month. Note that the Prescribed BFR listed is from the the last session recorded, however the average BFR takes into account any changes in Prescribed made during the month.

patient name [mrn]	prescribed bfr	average bfr	deviation from prescribed bfr
DORIS, CELESTE [ VA-54621LBD137]	500	320.50	-36%
BECKERS, ROBERTO [ VA-6318411KED0352]	500	325.67	-35%
LEGGS, TWANA [ VA-99663L9D56C]	500	328.21	-34%
LOVETINSKY, JESTINE [VA-15475LDCBFE]	400	269.52	-33%
POINELLI, MALCOM [ VA-86363L2BD64]	500	336.96	-33%
BERNDT, DARRICK [ VA-35853L9236B]	500	337.56	-32%

### **Working Online**

While many facilities choose to download and print reports, all of the same information is available for online viewing. If your organization sends treatment run data to Vasc-Alert on a daily basis, the information available online will also be analyzed and updated daily.

- Who is on Alert?
- Finding a Patient: the Patient Search Page
- Diving Deeper: the Patient Detail Report
- Reviewing Current Patient Accesses

#### Who is on Alert?

Patients on alert: Vasc-Alert Training Facility	2
The following is a list of patients who have been t at Vasc-Alert Training Facility 2 within the last 30 (since 06/09/20) and have had at least one alert that time.	treated days during
Filter by Provider All	
mm/name	alerts
FEDORKO, TERRANCE [VA-454893E66DC] alerts	4
most recent alert	07/03/20
STEINIGER. VERNITA (VA-9683130678B) alerts	4
most recent alert	07/03/20
TURRI, SAMMIE (VA-6967539C20C) alerts	4
most recent alert	07/04/20
FLOT, JANETTA (VA-3558436A0B3) alerts	3
most recent alert	06/29/20
GITTENS, AMBROSE [VA.975953C7C45] alerts	3
most recent alert	07/02/20
MCCULLOCK, CHRISTIANE (VA-19439242F01) alerts	3
most recent alert	06/29/20
SCOLIERI, CALLIE (VA-98493307D98) alerts	3
most recent alert	06/29/20
STREVEL. WENDIE (VA-566782C8644) alerts	3
most recent alert	07/04/20
TISDELL, GILMA [VA-382943E188D] alerts	3
most recent alert	07/04/20
WHATONAME, PIEDAD (VA-579293E1F0E) alerts most recent alert	3 07/01/20
BRIERRE, LYNWOOD (VA-411463F1ADF) alerts	2
most recent alert	06/25/20
MOLSKI, EUGENIE (VA-979923D8065) alerts	2
most recent alert	07/04/20
MONTON, NERY [VA-8432420A028] alerts	2
most recent alert	06/23/20
CONDELL_ROSIE (VA-1596838C902) alerts	1
most recent alert	06/29/20
ENWRIGHT, FRANCISCO (VA-115943DBE0A) alerts	1
most recent alert	06/18/20

The list of patients on alert (whether on the venous or arterial side) appears on the left side of the home page. A patient with four or more alerts in the previous 30 days will be displayed in a pink bar. A patient with three alerts will have the date and number of alerts highlighted in red.

Clicking on the patient's name will take you directly to their Patient Detail report.

#### Finding a Patient: the Patient Search Page

You can search for a particular patient and also review information about a number of patients at the same time on the Patient Search screen. Click on **PATIENT DATA** on the menu bar at the top of the screen, and then click on the Patient Search tab if it is not already displayed.

VASC-ALERT	PATIENT DATA	FILES	SUPPORT		logged in as Demo User	[ logout ]
home	Vasc-Alert Training Fac	ility 3	•	patient info		
Patient Searc	Access Summ	nary Ref	errals			

You can adjust the number of patients in the list using the options above the list on the left:

(32 patients)	show: 10	50	100	all	patients p	er page
---------------	----------	----	-----	-----	------------	---------

You can also browse through the pages using the controls above the list on the right:



You can search for a patient by name or by medical record number (MRN.) To search by name, enter all or part of a patient's first or last name to search. To search by MRN, you must enter the **complete value**. In the example below, typing THE found both HOMEWOOD, THELMA and KUETHER, DESIREE. To find Thelma Homewood by MRN, we would have to enter VA-897744C44D.

#### Filtering the Patient List

By default, the Patient Search page displays patients who have had treatments using a fistula or graft during the past month. You can change the date range as needed, or adjust your search criteria by access type, needle gauge, or provider.

	Filter Patient List												
	Patier	nt (name/m	rn):			]							
	patients with treatm	ents betwe	en: 06/24/2020	and	07/24/2020								
		Access Ty	pe: 🗹 Fistula 🛛	Graft C	atheter C	Unknown							
	Ν	leedle Gau	ge: 🛛 14 👘 🖬 15	<b>1</b> 6	v 17 🛛 🗹	none 🗌 In	valid 🛛 🗋 A	11					
			Show patient	with treatments	at Vasc-Alert	Training Facilit	y 2 only.						
		Provid	der: choose a Provid	er 🗸									
			Filter Patient Li	st Print List	]								
													0 Martin
(5	8 patients) show: 10 50 100 all pa	atients per page	ont activity								< PI	ev 1 2	3 Next >
-	AIMONE, ANYA [VA-	date 07	17/20 07/15/20	07/10/20	07/08/20	07/06/20	07/03/20	07/01/20	06/29/20	06/26/20	06/24/20	06/22/20	06/19/20
ų,	19385265023 AV FISTULA 15	vapr 0. aapr 0.	403 0.053 603 0.614	0.218 0.450	0.231 0.486	0.499 0.412	0.492 0.594	0.297 0.692	0.251 0.512	0.270 0.573	0.212 0.467	0.114 0.534	0.186 0.446
\$	AIROLA, FAUSTINO [VA- 146733C4C4E] AV FISTULA 15	date 07/ vapr 0, aapr 0,	16/20 07/14/20 450 0.784 462 0.371	07/09/20 0.518 0.457	07/07/20 0.736 0.404	07/04/20 0.463 0.404	07/02/20 0.838 0.377	06/30/20 0.433 0.402	06/27/20 0.578 0.420	06/25/20 0.560 0.432	06/23/20 0.564 0.350	06/20/20 0.498 0.374	06/18/20 0.568 0.412

Each patient on the list shows their treatments ordered from most recent on the left side to least recent on the right, The average VAPR and AAPR results for every treatment (where available) are displayed. Values above threshold appear in red text and alerts appear in white against a red background. Treatments where Vasc-Alert was unable to calculate a result will appear empty.

<b>\$</b> -	BEU. GERALYN	date	04/16/12	04/13/12	04/11/12	04/10/12	04/09/12	04/06/12	04/04/12	04/02/12	03/30/12
	L [VA-68654LE1A36]	vapr	0.790	0.815	0.937	0.848	1.017	0.768	0.856	1.147	0.822
	AV Fistula 14	aapr	0.287	0.244	0.207	0.212	0.225	0.211	0.249	0.250	0.265

Clicking on the patient's name will take you to the Patient Detail report for the patient. To create a referral for the patient, click on the options button next to the patient's name. See Integrating Access Events into the Patient Record for information on creating referrals and recording other access events concerning your patients.

#### **Diving Deeper: the Patient Detail Report**



The Patient Detail report includes graphs with 6 months

of VAPR and AAPR results, as well as session averages for blood flow rate, venous pressure, and negative arterial pressure. Above the VAPR graphic is the Access History Timeline. This identifies what access the patient is using and how many treatments have been performed on the access.

The session average for each dialysis session is shown as a vertical green bar. Dates with alerts are shown with vertical red bars. For help in trending, a moving average is displayed as a blue line on each graph. Threshold values appear as dotted red lines.



Results for the past 36 sessions appear in the Average Session Values table on the right side of the screen, with the latest treatments at the top of the table.

verage Se	ssion Values				
(54 encounter	s)		← Prev	1 2	Next $\rightarrow$
date	VAPR	AAPR	BFR	VP	AP
02/29/12	FISTULA 14				
02/29/12	0.434	0.391	443	180	-176
02/27/12	0.440	0.368	445	181	-166
02/22/12	0.650	0.427	440	204	-192
02/20/12	0.740	0.268	375	231	-115
02/17/12	1.852	0.277	279	245	-60
02/13/12	0.992	0.310	376	247	-118
02/08/12	0.446	0.352	446	200	-154

You can access older treatments by using the Navigation Buttons

$\leftarrow Prev$	1	2	$Next \to$	
				•

## **Viewing Encounter Details**

Clicking on the date of a treatment on the Patient Detail report displays the Encounter Details page. The Encounter Detail page shows information about every reading during the treatment.

Access Location: Arm (Left lower) Venous Needle 15 Gauge: Arterial Needle Gauge: Average VAPR: 0.472 Average AAPR: 0.425 Average VP: 184 Average AP: -173 Average BFR 400 Prescribed BFR 400.0 Observations:										
Ob	servatio	ns:								
time	minute	vapr	aapr	map	bp	vp	-ap	bfr	pump speed	hct
11:13 AM	0	0.503	0.400	106.333	175/72	190	-160	400		0.361
11:30 AM	17	0.454	0.425	117.667	189/82	190	-170	400		0.361
12:00 PM	47	0.655	0.425	81.667	163/41	190	-170	400		0.361
01:00 PM	107	0.447	0.400	119.667	135/112	190	-160	400		0.361
01:30 PM	137	0.313	0.475	107.000	159/81	170	-190	400		0.361
02:00 PM	167	0.459	0.425	94.667	144/70	180	-170	400		0.361
02:17 PM	184	0.645	0.475	67.333	88/57	180	-190	400		0.361
03:00 PM	227	0.357	0.450	93.667	121/80	170	-180	400		0.361

Clicking on the date next to a referral or intervention also brings up the relevant details.

#### 1 Did you know...

You can look at the details for treatments belonging to catheter patients, too. The easiest way to find a catheter patient is from the Patient Access Summary. Click on the patient's name to bring up the patient detail report. Click on the date of a treatment to see the details.

## **Moving between Patients**

The top of the Patient Detail report shows the names of the previous and next patients in the list, along with arrow keys. Click on an arrow or patient name to browse forwards or backwards through your patients without having to return to the list each time.

Note: The "next" and "previous" patient depend on which list you were on when you accessed the first Patient Detail report. If you were clicked on a patient in the Alert List, you will browse through other patients from the Alert List. If you were on the Patient Search screen, you will browse through whatever other patients were in the search screen.

VASC-ALERT						
PATIENT DATA	FILES	SUPPORT	DOCUMENTATION	PODCASTS	FAQ	
				logged in a	s Demo User	[ logout ]
home	/asc-Alert Trainin	g Facility 2 🗸	Patient Treatments Overvie	w Patient	Detail	
ARENTZ, MAU	RICIO [VA-669592	D15C5]		BAKLUND, VELV	/A [VA-5989515	ad9a] 📄

#### **Reviewing Current Patient Accesses**

When you click on **PATIENT DATA** in the navigation bar at the top of the screen, you will see four tabs: Patient Search, Access Summary, Referrals, and Interventions. Click on the "Access Summary" to see a list of your patients and their most recent access information.

VASC-ALERT	
PATIENT DATA FILES SUPPORT DOCUMENTATION	PODCASTS FAQ
	logged in as Demo User [ logout ]
home Vasc-Alert Training Facility 2  patient info	
Patient Search Access Summary Referrals Interventions	
Patient Access Summary for VASC-ALERT TRAINING FACILI	TY 2
(89 patients)	Prev 1 2 3 4 5 Next>
ALLABAND_JUNIOR.[VA-56493322286]	Jul 25, CATHETER, OTHER 0 2020 ?
ARENTZ, MAURICIO (VA-669592D15C5)	Jul 24, 2020 GRAFT LOOPED 15
AUNKST. LAKITA (VA-692593FE316)	Jul 25, 2020 GRAFT OTHER 15
BAKLUND, VELVA (VA-5989515AD9A)	Jul 24, GRAFT STRAIGHT 15 2020
BALES_ELDA (VA-9589529537B)	Jul 24, 2020 AV FISTULA 15
BEIGHTOL, JULIET (VA-411463F1ADF)	Jul 25, 2020 AV FISTULA 16
BELLANTONE_BOBBY (VA-836411D0443)	Jul 25, CATHETER, DOUBLE 2020 LUMEN CUFFED 0 ?
BLOTSKY, IRMGARD [VA-144471D4180]	Jul 24, 2020 AV FISTULA 15

Next to each patient is a list of all access types recorded for the patient during the last month. The last date the patient used that access is shown for each entry. A question mark indicates an unexpected value, such as a catheter with a gauge or a missing access. It is also easy to see which AV patients are missing needle gauge values.

**Remember:** Missing or inaccurate information can prevent you from getting full value from Vasc-Alert, so take a moment whenever you log in to make sure that this information is being kept as current as possible. If you find an error, it must be fixed in your Electronic Medical Record system.

#### Integrating Access Events into the Patient Record

Vasc-Alert provides a suite of tools to integrate additional information into the patient record. By logging referrals and interventions you complete the cycle begun when you review the reports. You can also include notes about the access or about individual treatments.



#### **Related Topics:**

- Getting Started: Tools for Working With Referrals and Interventions
- Generating Referral Packages with the Vasc-Alert Referral Module
- Using the Quick Form to Log Referrals from Other Systems
- Working with Existing Referrals
- Logging Interventions
- Logging Other Access Events

Referrals, interventions and other access events logged into Vasc-Alert appear in the online Patient Detail report as part of the patient's record, enhancing tracking and analysis. Incorporating this information into the Vasc-Alert record ensures that clinical staff examining future results will have access to the patient's prior access history.



## The Vasc-Alert Referral Module

Facilities that do not have an existing system for creating referrals can generate them directly from Vasc-Alert using the **Vasc-Alert Referral Module**. The Referral Module provides a convenient way for you to generate referrals for your patients without having to leave Vasc-Alert. The module creates an online form prepopulated with patient information. When you have finished filling in the referral form, the module creates a referral package consisting of a fax cover sheet, the online form, and the most recent Patient Detail report. You can then fax the report to the Access Center, Radiology Department or Surgeon, or send it with the patient.



#### Download a sample referral package (PDF format)

When you create a referral, it is listed in the online Patient Detail report. This gives you the opportunity to check the effectiveness of the intervention by looking for changes in VAPR, AAPR, and in the average blood flow rate, venous pressure and arterial pressure. The referral can also be accessed from the Referrals List.

#### Find out more about the Referral Module

#### Logging referrals from your own system

Your facility may already be working with an existing system for creating referrals. If this is the case, you may still want to log a few basic facts about referrals. By adding a few notes such as the date of referral, the indication, procedure ordered, and where the procedure will occur these referrals will still show up in the Patient Detail Report and in the Referrals list.

#### Logging interventions and other access events

To provide a complete history of the access, you can also add information about interventions and other access events to the Vasc-Alert record. Intervention information can be added directly from the referral form, or entered independently and linked to the referral later.

Find out more about how to log interventions and access events

#### Getting Started: Tools for Working With Referrals and Interventions

All options for creating new referral packages and logging previous referrals and interventions can be found on the Tools menu, which looks like a gear. You can find the Tools menu next the the patient name on the Patient Search page and the Patient Detail page.



The menu displays these choices:

Ω CREATE REFERRAL RECORD INTERVENTION RECORD ACCESS EVENT

- Working With Referrals and
- Packages with the Vasc-Alert Referral Module
- Using the Quick Form to Log Referrals from Other **Systems**
- Working with Existing Referrals
- Logging Interventions
- Logging Other Access **Events**
- Create Referral takes you to the Referral Module where you can generate a referral package.
- ٠ Record Intervention takes you to a form where you can log an intervention TIP: You can also log interventions from the related referral.
- ٠ Record Access Event takes you to a form where can log additional information about the access that might be useful for the patient record.

Instructions for using each of these options appear in related pages.

#### Generating Referral Packages with the Vasc-Alert Referral Module

The Vasc-Alert Referral Module provides a convenient way for you to generate referrals for your patients without having to leave Vasc-Alert. The module creates an online form prepopulated with patient information. When you have finished filling in the referral form, the module creates a printable version which includes a copy of the Patient Detail report and a fax cover sheet. You can then fax the report to the Access Center, Radiology Department or Surgeon, or send it with the patient.



#### **Related Topics:**

- Getting Started: Tools for Working With Referrals and Interventions
- Generating Referral Packages with the Vasc-Alert Referral Module
- Using the Quick Form to Log Referrals from Other Systems
- Working with Existing Referrals
- Logging Interventions
- Logging Other Access Events

#### Download a Sample Referral Package (PDF)

When you create a referral, it appears in the online Patient Detail report. This gives you the opportunity to check the effectiveness of the intervention by looking for changes in VAPR, AAPR, and in the average blood flow rate, venous pressure and arterial pressure.

#### To get started...

Starting on Patient Search page, the Create Referral section of the home page, or inside the Patient Detail page, click the Tools menu button. Select the "CREATE REFERRAL" option.

CREATE REFERRAL RECORD INTERVENTION RECORD ACCESS EVENT

A new referral form opens. Some of the fields will be pre-filled based on information already in Vasc-Alert.

#### Filling out the form

The referral form has areas for you to enter different kinds of information:

- Name, location and phone number of the doctor, hospital department or access center where the intervention will be performed.
- Basic patient information including name, MRN, address and phone number, date of first dialysis, and other items.
- Access information, including type and location, and date of creation. This is also where
  you will specify the requested procedures and the indications.
- Clinical information such as most recent hematocrit and factors that should be taken into account like diabetes.
- · Information about your dialysis facility

Notes can be added to the right of each section. Additional space to enter notes appears when needed.

Vasc-Alert will prefill a lot of the patient information based on the patient's history.

#### Made a mistake?

If you need to edit the information in a referral, or delete it completely, you can do this from the Referral List. See Working with Existing Referrals for more information.

#### Quick Referral Documentation Options

If you are required to complete a referral form other than what is included in Vasc-Alert, but would like to document in the Patient Detail Report for tracking, open a referral from the tools menu button. It is suggested that you enter at minimum the date of the referral, the ordering nephrologist, the indication for the referral, and the procedure requested. Once saved a notation will appear in the data table on the Patient Detail Report and also on the referral tab found under Patient Data.

#### Generating and printing the referral package

When you are finished with the form, click on the **save referral form for printing** button at the bottom of the online form. Vasc-Alert creates a referral packet which includes a fax cover sheet, the referral form and a copy of the most recent Patient Detail report.

#### Download a Sample Referral Package (PDF)

Use the **Print Referral Form** button to print out the fax cover sheet, referral form and Patient Detail report.

Confirm a return to p	and Print Referral for LAVONA LISOWSKI [V latient info	A-893152B768D ] Print Referral Form
	Referral	Fax Coversheet
	TO Access Center:	FROM Dialysis Facility:
	VA Access Center (Training) 1234 Main Road Sumwhereville, IN 4040 phone: 123-456-7890 fax: 123-498-7654	Vasc-Alert Training Facility 3 2345 Lincoln Way Stanley, IN 40403 phone: 2234 Smith Rd fax: 777-889-9999 exebenciest Madeline Rev:
	Referral Information Checklist: Make sure that all required information is present ar	d complete
	Date: 2013 ID: VAT	-06-27 RAIN3_10012-20130627-VA-893152B768D

You can also print the package through the print icon on the PDF toolbar. The Internet Explorer browser displays the PDF toolbar when you move your mouse to the bottom of the page:

Other options for printing



If you use the Firefox browser, the toolbar is under the "Print Referral Form" button:



**Please note:** Using the "print" option under your browser's File menu will not print the package correctly.

Clicking "return to patient info" will take you back to the page you were on before creating the referral.

To print out additional copies, see Working with Existing Referrals.
#### Using the Quick Form to Log Referrals from Other Systems

The referral Quick Form is used to log referrals that have been created in another system so that they become part of the Vasc-Alert record. To streamline this process, only a minimum of information is required. The option is available from the Tools menu next to the patient's name in the Patient List, on the Patient Detail report, and in the Create Referral section of the home page. The form can also be used to log a related intervention, if it has already occurred.

Note: If you want to use the Vasc-Alert Referral Module to create a complete referral package for printing a new referral, see Generating Referral Packages with the Vasc-Alert Referral Module.

The Quick Form was designed to record basic information about the referral, including date, at least one indication, nephrologist, requested procedure and access center. If the access center is not already available in the drop-down list, you can enter the name, address and phone number, and it will be saved. (Click screen below to see full size)

General Info Patient Deta	I Clinical Detail Intervention		
Date: 06242013		Access Center: VA Access Center (Training)	
Nonhoniosist		V& Access Center (Training)	
Restan Bater		Phone:	
Scheduled by:		123-456-7890	
Oliver Twist		Fax	
Requested Procedure:		123-098-7654	
E DECLOT	CATHETER REMOVAL	Address:	
NEW AVF PLACEMENT	CATHETER EXCHANCE	1234 Main Boad Sumahereville, TH 60404	^
NEW AVG PLACEMENT	FISTULAGRAM/ORAFTOGRAM		
REVISION TO EXISTING AV A	CCESS E VENOGRAMIVEN MAPPING		-
Indication: CLOTTED ACCESS STEAL SYNDROME NON-MATURING PISTULA INPLITIATION HIGH VENOUS PRESSURE FLOW SURVEILLANCE VASCALERT SURVEILLANCE PROLONOED BLEEDING DIFFICULT CANNULATION	SWOLLEN EXTREMITY ANEURYSM DECREASED KTM CHUNDE IN BRUIT OR THRUL INFECTION CATHETER DYSPUNCTION INABULTY TO ACHIEVE PRESCRIBED BFR CHUNDE TO USABLE AV ACCESS		
T PEOPOILIATION			

After you click "Save," you may continue to add information to the referral, or enter information about a subsequent intervention using the other tabs. You can also delete the referral record entirely.

When you have finished working with the Quick Referral form and saved it, click on the **Patient Treatments Overview** link above the patient's name or on the **Patient Data** link in the navigation bar.

#### **Related Topics:**

- Getting Started: Tools for Working With Referrals and Interventions
- Generating Referral Packages with the Vasc-Alert Referral Module
- Using the Quick Form to Log Referrals from Other Systems
- Working with Existing Referrals
- Logging Interventions
- Logging Other Access Events

Vasc-Alert On-line User's Guide

#### Working with Existing Referrals

Once you have created a referral, you can use the Referrals list to work with it further. To access the Referrals list, click on **PATIENT DATA** in the navigation bar, and then on the Referrals tab.

Patient Sea	rch Access Summary Referrals				
Referrals fo	or Vasc-Alert Training Facility 3				
	• • •				
(105 referrals	)		< Prev	2 3 4 Next >	
date	patient	access facility	intervention	date	
05/16/2013	TROVINGER, LOIS [VA-512562F4695]	VA Access Center (Training)		print	edit
05/10/2013	BOONE, TYREE [VA-91565D8FC9]	General Hospital Department of Nephrology		print	edit
05/08/2013	YAGUES, XAVIER [VA-3993424E015]	Lanham Access Center		print	edit
05/07/2013	BATTIATA, ELEONORA [VA-96716252F1D]	Training Access Center Too		print	edit
05/07/2013	DIVELBISS, LUCIENNE [VA-7696BD23B]	VA Access Center (Training)		print	edit
05/06/2013	LISOWSKI, LAVONA [VA-893152B768D]	VA Access Center (Training)		print	edit
04/22/2013	OSMON, MARYLN [VA-691122B6D7D]	Test Access Center		print	edit
04/22/2013	FARIS, CHERELLE [VA-1723720D691]	VA Access Center (Training)		print	edit
04/22/2013	TALK, KENYA [VA-491852C9491]	Test Access Center		print	edit
04/19/2013	BATTIATA, ELEONORA [VA-96716252F1D]	ABC Access Center	angioplasty venous anastomosis	04/19/2013 print	edit
04/15/2013	SEABREEZE, KIZZY [VA-6969621F369]	Test Access Center		print	edit
03/22/2013	NUCHOLS, HAYDEN [VA-27194AFF7F]	Lifeline	Angioplasty central vessel	03/25/2013 print	edit

The list is sorted with the most recent referral on top.

From this list you can:

- See which patients have had referrals and interventions recently, and access their Patient Detail pages.
- Display the referral record and link it to a previously logged intervention, or log a new intervention.
- Produce and print a new copy of the referral package.
- Edit or delete referral information.

Different parts of the list bring up different options.



#### Note

For Information about adding and working with interventions, see Logging Interventions.

#### Reprinting a referral

Click on the "Print Referral Form" button to regenerate and reprint the referral package. Click on the image below to see more options for printing:

#### **Related Topics:**

- Getting Started: Tools for Working With Referrals and Interventions
- Generating Referral Packages with the Vasc-Alert Referral Module
- Using the Quick Form to Log Referrals from Other Systems
- Working with Existing Referrals
- Logging Interventions
- Logging Other Access Events



#### Editing or deleting a referral

To edit a referral to do delete it entirely, click on the "edit" link in the Referral list. The Referral Form appears (click on image below to see full size).

Date:		Access Center	
06/24/2013		(W Access Center (Interney) (*)	
Nephrologist		VA Access Center (Training)	
Baytum Badger		Phone: 522,456,7802	
scheduled by:		Fax	
Requested Procedure:		123-098-7654	
E osciet	CATHETER DEMONS	Address:	
NEW AVE PLACEMENT	CATHETER EXCHANCE	1234 Main Boad	*
T NEW AVO DI ACEMENT	E DEDI LORAMORATIONIM	Sumchereville, IN 40404	
E ACTIVITY COLUMN			
E REVISION TO EXISTING AV ACC			
CATHETER PLACEMENT			
Other:			
Indication			
CLOTTED ACCESS	B SWOLLEN EXTREMITY		
STEAL SYNDROME	C ANEURYSM		
NON-MATURING PISTULA	D DECREASED KTN		
2 INFILTRATION	DECREASED URR		
HIGH VENOUS PRESSURE	CHANGE IN BRUIT OR THRUL		
FLOW SURVEILLANCE	INFECTION		
VASC-ALERT SURVEILLANCE	CATHETER DYSFUNCTION		
PROLONGED BLEEDING	INABILITY TO ACHIEVE PRESCRIBED BFR		
DIFFICULT CANNULATION	CHANGE TO USABLE AV ACCESS		
The second second second			

You may add or update information on any of the tabs, or delete the referral entirely.



## **Logging Interventions**

You can also use the Referral module to log information about the related intervention. Like referrals, interventions also appear in the Patient Detail report, but will appear in two locations. The intervention will appear chronologically in the data table, similar to the referral, but will also appear in the Intervention table below the daily treatment data.



05/07/20	0.748	0.364	350	184	-139
05/05/20	0.634	0.304	350	190	-118
05/02/20	0.545	0.342	350	180	-147
04/30/20	0.414	0.280	350	226	-100
04/28/20	0.434	0.299	350	171	-119
04/25/20	0.675	0.334	350	182	-133
date		Intervent	ion		
06/26/20	ANGIC	PLASTY		ed.	it
<u>10/17/17</u>	Z ANGIO	PLASTY		ed	it

Interventions will also show up on the referrals list when they are linked.

(104 referrals	s)			< Prev	1 2	3 4	Next >	
date	patient	access facility	intervention			date		
01/12/2013	CUNY, JARROD [VA-389562CA77F]	Test Access Center					print	edit
01/12/2013	NUCHOLS, HAYDEN [VA-27194AFF7F]	Test Access Center					print	edit
01/09/2013	COURTON, LAN [VA-191262E3DBE]	Test Access Center	fistulagram/grafto	gram		01/10/201	3 print	edit
12/24/2012	BATTIATA, ELEONORA [VA-96716252F1D]	Test Access Center					print	edit
12/17/2012	NUCHOLS, HAYDEN [VA-27194AFF7F]	ABC Access Center	Angior	vessel		12/20/201	2 print	edit

There are several ways to log interventions to the Vasc-Alert patient record, depending on your workflow:

- To log information about a referral and intervention at the same time, use the Create Referral option.
- To log a new intervention related to an existing referral, locate the referral on the Referrals List in the Patient Data section and click "edit." This will open the Referral Form where you can fill in the information on the "Intervention" tab.
- To log an intervention without relating it to a referral, use the "Record Intervention option on the Tools menu. You can still associate it with an existing referral later on.

#### Logging a referral and an intervention at the same time

Select "Log Referral (Quick Form)" from the Tools menu next on the Patient Search page or on the Patient Detail page. After you have filled out the referral information, click on the intervention tab to log the intervention. Click "Add Intervention to Referral" on the Intervention tab, then click "Save."

#### **Related Topics:**

- Getting Started: Tools for Working With Referrals and Interventions
- Generating Referral Packages with the Vasc-Alert Referral Module
- Using the Quick Form to Log Referrals from Other Systems
- Working with Existing Referrals
- Logging Interventions
- Logging Other Access Events

Nome       Vasc-Alert Training Facility 1       patient info         Referral for NORENE Anne MCMORRIES [VA-59425KE1CC0D]         General Info       Patient Detail       Intervention         Patient: NORENE Anne MCMORRIES [VA-59425KE1CC0D]         Referral Date 06/24/2013         Access Center (required): Training Access Center Too •         Intervention Date: 06/26/13         Primary Procedure(s):         Additional Procedure(s):         Surgeon:         Bayham Badger         Notes:       Suggest starting a new AVF access soon.         Add Intervention to Referral       Cancel	VASC-ALERT PATIENT DATA	FILES SUPPORT	logged in as Oliver Twist [logout]
General Infor NORENE Anne MCMORRIES [VA-59425KE1CC0D]         General Info         Patient: NORENE Anne MCMORRIES [VA-59425KE1CC0D]         Referral Date 06/24/2013         Access Center (required): Training Access Center Too •         Intervention Date: 06/26/13         Primary Procedure: ANGIOPLASTY         Additional Procedure(s):         Surgeon:         Bayham Badger         Notes:         Suggest starting a new AVF access soon.         Add Intervention to Referral	home Vasc-Alert Training Fa	cility 1 patient info	
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Logging an intervention related to an existing referral

To log an intervention performed as the result of a previously logged referral, start in the Referrals list and click on "edit." This opens the Quick Form, where you can enter the information on the Interventi on tab. Click on "Add Intervention to Referral" when you are finished.

#### Alternate method

You can also click on the date of the referral on the Referrals list. Scroll to "Related Intervention" section at the bottom of the page and click on the link to open the intervention form.

	Coumadin/Other Lytics? yes
	Competent to sign consent?yes
	If "No", form is signed by whom?
	Phone:
C	Clinical Notes: Watch patient closely for dizziness- does not do well in a clinical setting.
Delete d let	
Related Int	ervention:
ord information	about a new followup intervention for this referral.

Click "Save Intervention" when you are finished. The intervention will now show up as part of the referral information in the Referrals list, and in the Patient Detail report.

Using the Tools Menu option to log an intervention

CREATE REFERRAL RECORD INTERVENTION RECORD ACCESS EVENT

If you do not have information about the referral that led up to an intervention, you can log it directly through the Tools Menu. Selecting "Record Intervention" displays a page similar to the one above,

but with an additional field for the Access Center. The Procedure field is used to record the actual procedure performed by the access center, whereas the "Procedure Type" identifies the procedure that the access center was requested to perform.

home Vasc-Alert Training Facility 1 Referrals Patient D	etail
ecord Intervention for CONTESSA A KUS	SNIC
Access Center.	
Date:	
Surgeon	
Direct Directory	
Choose the procedure:	
Additional Procedure(s)/Notes:	
<u>^</u>	

Tying interventions and referrals together

If you have already logged the intervention independently of the referral, you can link them together later. To do this:

- 1. Locate the referral in the Referrals list, and click on the date to the left of the patient name
- 2. Scroll to the bottom to view the Related Intervention section:
- 3. Click on the listed intervention to relate it to the referral.
- 4. Scroll to the bottom of the form to the Related Intervention section. You will see a list of interventions logged for the patient after the referral date.

Related Intervention:
This patient has some interventions recorded after this referral. Click on an intervention below to link that intervention to this referral.
date procedure
05/14/2013 venogram/vein mapping Imaging
Record information about a new followup intervention for this referral.

#### Editing and deleting interventions

Interventions can be edited from either the Intervention tab on the Patient Data screen or by using the edit button next to the intervention on the patient detail report.

From the Patient Detail Report:

- 1. Open the Patient Detail Report.
- 2. Locate the intervention in the data table on the right side of the report.

<u>05/05/20</u>	ANGIOPLASTY			<u>edit</u>	delete
05/04/20	0.572	0.387	350	223	-147
05/01/20	0.552	0.400	350	239	-139

- 3. Click on the edit or delete button
- 4. Add additional information, edit, or delete the intervention if entered in error.
- 5. Save and close the intervention.

From the Patient Data screen:

- 1. Click on the intervention tab
- 2. Identify the intervention in the list at the bottom of the screen.

date	patient	access facility	intervention	date		
07/03/2020	CADEN, ROSARIA [VA-4924429BCE3]		ANGIOPLASTY	07/03/2020	print	edit
06/24/2020	KAPKE, BOBBI [VA-91954271F69]		OTHER	06/24/2020	print	edit

- 3. Click on the edit or delete link on the right side of the page corresponding the appropriate intervention.
- 4. Add additional information or edits to the intervention.
- 5. Save and close the intervention.

Note: Only the user who entered an intervention is able to delete it. Editing can be done by any user with access to the patient report.

#### Logging Other Access Events

The "Record Access Event" option on the Tools menu gives you the capability of logging additional pertinent information about the patient's access to the Patient record. This information appears on the Patient Detail report. Examples of access events include the use of more than two needles in the access, reversal of lines if a catheter is in use during a treatment, clotted bloodlines or infiltration.

¢-	
CREATE REFERRAL	
RECORD INTERVENTION	Ν
RECORD ACCESS EVEN	T

# Access Event for TERRANCE FEDORKO

Date: 07/07/2020	
Access Type: FISTULA	
Access Location/Configuration: LEFT BRACHIAL ARTERY	
Type of Event: Bleeding post tx	
Notes:	
held venous site x 30 minutes due to bleeding	
	7

You will see the event listed on the Patient Detail report in the data table. Here you also have the ability to edit or delete the access event.

	<b>\$</b> -	EDORKO	TERRANCE [VA-454893E66D Vasc-Alert Training Facility			
36 of 147 enco	ounters)		< Prev 1	2 3 4	5 Next >	
date	VAPR	AAPR	BFR	VP	AP	
7/07/20	Bleeding post tx: F	ISTULA		edit	delete	
ISTULA 15						
7/03/20	1.095	0.504	350	255	-186	
7/01/20	0.978	0.528	350	240	-201	

## **Related Topics:**

- Getting Started: Tools for Working With Referrals and Interventions
- Generating Referral Packages with the Vasc-Alert Referral Module
- Using the Quick Form to Log Referrals from Other Systems
- Working with Existing Referrals
- Logging Interventions
- Logging Other Access Events

(1 - 3)

AV F

# **Uploading Treatment Files to Vasc-Alert**

1 Note

Some dialysis facilities get their treatment run data files to Vasc-Alert by uploading files manually on a regular basis (usually weekly.) While most centers choose to do this on Mondays, any day of the week is fine, although we prefer that you are consistent from one week to the next whenever possible.

You can upload files to Vasc-Alert from two areas: the Home page, and the Files page. The process is the same.

If you work with more than one facility, you will have to select one before you can upload files.

The Upload Files area on the Home Page is shown below. The area on the Files page is similar.

Upload Files ARA DeSoto				
You can use this upload form to send data files or any other setup or configuration change information.				
Choose File No file chosen	Upload			

Click on the "Choose File" button in the Upload Files area, then locate and select your file. Click "upload file" to finish the process.

🥔 Choose File to Upload		<b>-</b> ×-
😋 🔍 🗢 🕌 🕨 VA Report	ts 👻 🕹 Search	Q
Organize 👻 🏭 Views	✓ S New Folder	0
Favorite Links Recent Places Desktop Computer VA templates tarrant Albums VA Research Desktop More »	Name Date modified Type Size	
Folders	<b>^</b>	
File name:	All Files (".")     Open	▼ Cancel

# Support

The support page gives you an opportunity to request different kinds of help and to communicate with us about other issues. You can access the support page from anywhere in Vasc-Alert by clicking on SUPPORT in the main menu bar.

Please remember to select a category for your request from the drop-down field next to "concerning."

If you have a question about a particular patient, do not include the name or medical record number in the comments. Ask us to give you a call and you can give us more specific information at that time.

VASC-ALERT PATIENT DATA	FILES SUPPORT		logged in as Demo User [ I	ogout ]
home Vasc-Alert Renal U	•	technical support		
vasc-Alert Online Support Contac	1			
Contact Vasc-Alert				
You can make any sort of suppo email.	rt request or suggestion t	hrough this form. Do not send any	patient information throug	gh
username:				
name:	Demo User			
email address:	demo@openchannelsof			
concerning:	Correction: Patient Data	•		
comments:	One of my patients is patient has been usin me to discuss. (212) 555-2034 Thanks!	listed as having a fistula, bu g a catheter for 2 weeks. Plea:	t this se call	
			18	
			send support request	

# **Frequently Asked Questions**

Enter a term such as "login" or "referral" to see a list of related pages.

# Not finding an answer to your question? Send a note to support@vasc-alert.com. We will answer your question and add it to our knowledge base.

## Logins and passwords

- How can I get a login to the Vasc-Alert Online system?
- How do I reset my password?
- I've forgotten my password, how can I find out what my password is?
- What is my username?

#### Issues with the data or patient records

- Can I delete a patient from Vasc-Alert?
- Can I keep patients from showing up on the alert list if the physician does not want to refer them for intervention?
- How do I change the access for my patient in Vasc-Alert if I notice that it is not current or correct?
- How do I find reports for my patients who are not "on alert"?
- · How do I remove patients from my Vasc-Alert reports that are not in the center anymore?
- Patient X and Patient Y are now on 15 gauge needles, but the system still shows them on 16 gauge. Can I edit the needle gauge for these patients?
- Should I always send my patients who have elevated VAPR or AAPR for a referral?
- Why do I see records for patients who are not at my clinic?
- Why don't the arterial and venous pressure data show up for the catheter patients?
- Why is there no data for patient X?

#### **Interventions and Referrals**

- · Can I enter past interventions and referrals into Vasc-Alert?
- How do I add Access Centers so that they will appear in the dropdown list when I enter referrals and interventions?
- Why can't I print a referral?
- Why can't the data we put in our EMR about interventions transfer to Vasc-Alert like the hemodialysis orders do?

#### **Internal Reporting**

- · How do I track whether staff have been reviewing reports in Vasc-Alert?
- Where can I find information for physicians and medical directors?

Logins and passwords

#### How can I get a login to the Vasc-Alert Online system?

Since Vasc-Alert works with protected health information (PHI), we need to be careful about granting login privileges only to people who are authorized to view PHI. Within your facility, there is an administrator or primary Vasc-Alert contact who can authorize new user accounts for the Vasc-Alert system. They can contact Vasc-Alert Customer Support to get a login name and password for you. We can provide new login information very quickly after it has been requested, but we do need to make sure that the request comes from someone authorized to grant access to PHI.

We will get you your login information as quickly as we can because we know it is tempting to "borrow" a login for quick access. Sharing login information like this is against the HIPAA security rules and it makes managing access to sensitive patient information very difficult. We will do everything we can to get new logins created as quickly as possible and make accessing the Vasc-Alert Online system as clear and simple as we can, but we must abide by the HIPAA security rules with regard to access and login processes.

#### How do I reset my password?

In order to reset your password, you can request a "Password Reset Email" that will be sent to the email address that is associated with your account. You can visit the following link to request a password reset: Password Reset Request Follow the instructions in that link to reset your password.

### **Password Policy**

The following password policy is in place to protect the sensitive health information contained in this system.

It is very important that you keep this password to yourself *and* that you select a good password. We have set up minimum characteristics of a good password to help you choose a password that will be strong enough to conform to HIPAA and other relevant regulations.

Your password:

- must be at least six characters long
- must contain upper and lowercase letters (at least one of each)
- · must contain at least one number
- cannot be the same as your username

Your password can contain punctuation and other symbols (like "?%\$#") to improve the strength of the password.

related questions: What is my username? I've forgotten my password, how can I find out what my password is?

#### I've forgotten my password, how can I find out what my password is?

You can reset your password, but recovering your existing password is not possible. For security reasons, nobody can tell you what your password is by looking into our records.

In order to reset your password, you can request a "Password Reset Email" that will be sent to the email address that is associated with your account. You can visit the following link to request a password reset: Password Reset Request Follow the instructions in that link to reset your password.

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- must be at least six characters long
- must contain upper and lowercase letters (at least one of each)
- · must contain at least one number
- · cannot be the same as your username

Your password can contain punctuation and other symbols (like "?%\$#") to improve the strength of the password.

# What is my username?

A username is a security measure so that Vasc-Alert knows who you are. Along with a password, it provides a user with access to Vasc-Alert. A username and password make up a sign-on for most computer systems.

If you have forgotten your username for Vasc-Alert, please contact Vasc-Alert Customer Support for assistance.

Issues with the data or patient records

# Can I delete a patient from Vasc-Alert?

You are not able to delete patients from Vasc-Alert. The patient will automatically no longer appear in your reports when no treatment data has been received for greater than 30 days for that given patient. Likewise, if the patient returns to the facility after the 30 days, you do not need to re-enter them into Vasc-Alert. When treatment data is received for the patient, Vasc-Alert processes the data and begins producing Patient Detail Reports for the given patient, leaving the report when no treatment data was received.

### Can I keep patients from showing up on the alert list if the physician does not want to refer them for intervention?

There is currently not a way to remove patients from the alert list. As long as a patient has had at least one alert in the last 30 days they will continue to show up on your alert list and in your 'Patients on Alert' report. It is recommended that you maintain documentation in your medical records explaining and displaying the physicians orders for not sending the patient for a referral. Keep in mind that there are some instances, such as a documented high flow accesses, that will allow the pressure readings to be above the set threshold. The interpretation of the patient's trend is important in determining if changes are taking place in the access. Even in patients with documentation for elevated pressures, if the trend is on an incline the expectation is that there is increasing stenosis developing.

#### How do I change the access for my patient in Vasc-Alert if I notice that it is not current or correct?

The access information in Vasc-Alert reports is reflected directly from your patient's treatment records and dialysis orders from your electronic medical record (EMR). If you notice that the access on your patient's Vasc-Alert report is inaccurate you will want to review the patient's specific dialysis order and treatment record. Once you have corrected the access in the EMR and the normal transfer of data to Vasc-Alert has occurred this will be reflected in the Vasc-Alert reports.

In order for Vasc-Alert to provide you with the most accurate data, it is important that you keep your EMR current. The calculations that are done to determine your patients VAPR and AAPR values use coefficients based off of what type of access and what size needle gauge your patient is using. If these values are incorrect in your EMR, they will be incorrect in your Vasc-Alert data which in turn will provide inaccurate results in your surveillance data to review.

#### How do I find reports for my patients who are not "on alert"?

There are a few of different ways to view the Patient Detail Report for patient who do not present "on alert".

- One way to view Patient Detail Reports for your patients not on alert is in your weekly zip file. You can open and view these just as you would for your patients who are on alert. From this report, you can print selected pages or the whole report. As a reminder, many facilities will have more than one report for your patients not on alert in the weekly zip file. The zip files can only contain 30 patients, so if there are more than 30 patients additional zip files are created.
- The second way to view reports for patients who are not on alert would be via the quick search option on the home page. You can search by the specific patient's name or medical record number.
- A third option to view patients who are not on alert would be to go to the patient data tab at the top of your home page. All patients can
  be found on this page using the appropriate search terms and filtering. Again, you can also search by specific patient name or medical
  record number, but you must make sure the search terms match that of your patient.

# How do I remove patients from my Vasc-Alert reports that are not in the center anymore?

You do not have to manually remove patients who expire, transfer, or no longer attend your center for dialysis treatments. Once 30 days have passed without Vasc-Alert recieving any treatment data for a patient, the patient will no longer show up in your center's reports. If for some reason the patient returns to your center they will begin to appear in your Vasc-Alert data once they are re-initiated in your EMR (electronic medical record).

# Patient X and Patient Y are now on 15 gauge needles, but the system still shows them on 16 gauge. Can I edit the needle gauge for these patients?

The Vasc-Alert system uses information that comes from the patients' electronic medical record (EMR). It is important to update your patients' standing orders in your EMR any time there are changes to the vascular access or treatment orders. Vasc-Alert cannot change the information received from your EMR. Once you update the patients' orders in your EMR the results will be corrected from the date of the change going forward.

# Should I always send my patients who have elevated VAPR or AAPR for a referral?

You should always consider all surveillance and monitoring tools when determining whether a patient needs a referral. Some patients will have a consistently high VAPR results. There are various reasons for this; documented high flow access, lower extremity access, stenosis identified but at a steady, non-progressing state. In these cases, the VAPR is elevated, but without an increase in trend indicating growing stenosis, so referral may not be indicated at this time unless other indicators are out of parameter.

# Why do I see records for patients who are not at my clinic?

Patients will show up in the reports for a center for 30 days since they were last treated there. This can sometimes lead to confusion when transient patients shows up in the reports for a center that they do not normally attend, because they were treated there once or twice in the last 30 days.

## **Related Questions:**

Why is there no data for patient X?

Can I delete a patient from Vasc-Alert?

# Why don't the arterial and venous pressure data show up for the catheter patients?

Vasc-Alert calculates the VAPR and AAPR values for arteriovenous (AV) accesses only (fistulas and grafts). The averaged venous and arterial pressures (VP and AP) and blood flow are included in the Patient Detail report for patients using catheters. Patient Detail reports for catheter patients may be viewed online and printed individually, but they are not currently available in a group in PDF format with the weekly download.

# Why is there no data for patient X?

If a patient was in attendance on a given day but there are no VAPR and AAPR results in the Patient Detail reports, most likely some of the dialysis treatment data was out of range. For example the mean arterial pressure (MAP) was lower than 60 or the blood flow rate (BFR) was not greater than 200. Also treatments must be more than an hour in length for results to be calculated, so treatments less than an hour in length would not have results for VAPR and AAPR.

If there is no information recorded for a given day, either the patient was not in attendance or their treatment data was not recorded in the EMR.

# Interventions and Referrals

#### Can I enter past interventions and referrals into Vasc-Alert?

You can enter past interventions or referrals into Vasc-Alert by using the link on the Patient Detail Report or from the link by the patient name on the Patient Data tab. The process is the same as creating a current intervention or referral except that you will need to select the correct historical date from the calendar which appears when you click in the date box. Once you have entered your information and saved it, the data will populate on the Patient Detail Report chronologically as it would if you were entering a current event. If you enter past interventions they will also appear in the intervention list below the data table. This is beneficial in helping to create a historical tracker for your review of a patient's access history.

# How do I add Access Centers so that they will appear in the dropdown list when I enter referrals and interventions?

If you have a list of access centers that you use regularly and would like to have them available in the dropdown list within the referral and intervention for easier data entry, please let Vasc-Alert Customer Service know what the name, address, phone number, and fax number for the center are. Since access centers typically serve multiple dialysis facilities, we will link the access center information to all of the facilities that need it.

As a reminder, if the access center does not appear in the dropdown list, you can manually enter the information.

# Why can't I print a referral?

The "referral package" is a PDF (Portable Document Format) file containing a cover sheet, the referral form itself and a copy of the patient detail report. Often times we see issues with a browser either not having a current version of the Adobe PDF plugin or having a plugin that is throwing errors.

Go to https://get.adobe.com/reader/ and download a more current version of Adobe Reader for your computer and current level of operating system. Consult with your IT department if they have placed restrictions on downloading applications.

# Why can't the data we put in our EMR about interventions transfer to Vasc-Alert like the hemodialysis orders do?

To move data from your EMR system into Vasc-Alert, an interface has to be created to transfer the data on a periodic basis. We are open to creating such an interface because we know intervention data is an important component in vascular access management. Ask your administrator to contact your EMR vendor to request that they contact Vasc-Alert to assist in making this possible.

# Internal Reporting

#### How do I track whether staff have been reviewing reports in Vasc-Alert?

Vasc-Alert currently has the ability to produce a User Activity Report according to center and region. This report displays a list of centers and the names of those users who have access to each center. Each user will have two fields associated with them, the first shows when they last logged into Vasc-Alert and viewed data for each center while the second shows when they last downloaded reports for each center.

Remember, a user does not have to download reports to view their Patient Detail Reports. The Patient Detail Reports can be viewed online and may or may not be printed out from the PDF button at the bottom of the report. Likewise, a Vasc-Alert user with access to multiple centers may download reports from the 'Files for Download' without choosing a specific center from their center list. By doing this it will appear in the User Activity Report that they have not logged into a center, but have a current date of downloading reports which is also a way to view patient reports. Ultimately, by viewing the User Activity Report, you can monitor the activity of a group of Vasc-Alert users, but not accurately decipher if the reports have been reviewed or not.

# Where can I find information for physicians and medical directors?

General information can be obtained on our website, www.vasc-alert.com. Besides general information, there is a "Doctors Corner": www.vasc-alert.com/doctor.

A reference binder can also be requested for physicians and medical directors from our customer support manager. The reference binder is geared towards physicians and can be sent upon request. They can also be referred back to the Vasc-Alert Resource Guide that is sent to each center at the beginning of implementation. Additional copies of this may be requested.
## Quick Guide: Using the Vasc-Alert Referral Module

Vasc-Alert provides a suite of tools to integrate additional information into the patient record. By logging referrals and interventions you complete the cycle begun when you review the reports. You can also include notes about the access or about individual treatments.



#### **Related Topics:**

- Getting Started: Tools for Working With Referrals and Interventions
- Generating Referral Packages with the Vasc-Alert Referral Module
- Using the Quick Form to Log Referrals from Other Systems
- Working with Existing Referrals
- Logging Interventions
- Logging Other Access Events

Referrals, interventions and other access events logged into Vasc-Alert appear in the online Patient Detail report as part of the patient's record, enhancing tracking and analysis. Incorporating this information into the Vasc-Alert record ensures that clinical staff examining future results will have access to the patient's prior access history.



#### The Vasc-Alert Referral Module

Facilities that do not have an existing system for creating referrals can generate them directly from Vasc-Alert using the **Vasc-Alert Referral Module**. The Referral Module provides a convenient way for you to generate referrals for your patients without having to leave Vasc-Alert. The module creates an online form prepopulated with patient information. When you have finished filling in the referral form, the module creates a referral package consisting of a fax cover sheet, the online form, and the most recent Patient Detail report. You can then fax the report to the Access Center, Radiology Department or Surgeon, or send it with the patient.



#### Download a sample referral package (PDF format)

When you create a referral, it is listed in the online Patient Detail report. This gives you the opportunity to check the effectiveness of the intervention by looking for changes in VAPR, AAPR, and in the average blood flow rate, venous pressure and arterial pressure. The referral can also be accessed from the Referrals List.

#### Find out more about the Referral Module

### Logging referrals from your own system

Your facility may already be working with an existing system for creating referrals. If this is the case, you may still want to log a few basic facts about referrals. By adding a few notes such as the date of referral, the indication, procedure ordered, and where the procedure will occur these referrals will still show up in the Patient Detail Report and in the Referrals list.

#### Logging interventions and other access events

To provide a complete history of the access, you can also add information about interventions and other access events to the Vasc-Alert record. Intervention information can be added directly from the referral form, or entered independently and linked to the referral later.

Find out more about how to log interventions and access events

## Quick Guide: Downloading Reports

## Logging In

To get to the Vasc-Alert Online Application, start at the regular Vasc-Alert web site http://www.vasc-alert.com and click on the Customer Login link on the top bar.

If you have not received your user name and password from Vasc-Alert, please contact support@vasc-alert.com.



When the login screen appears, enter your name and password, then click "Accept Terms and Login. Forgotten your password? Read on...

VASC-ALERT Vasc-Alert Online User Login
Please enter your username and password, then press login.
username: demo123
password:
ASC-ALERT TERMS AND CONDITIONS OF USE PLEASE READ THESE TERMS AND CONDITIONS OF USE CAREFULLY BEFORE USING THIS SITE. By CLICKING "ACCEPT TERMS AND LOGIN" you represent that you are an employee or authorized agent of a Vasc-Alert Customer. You agree that you are an authorized user of the Vasc-Alert ærvice and have been granted access to this web site knowing that it contains confidential public health information as defined by the Health Insurance Portability and Accountability Act of 1996 and its implementing regulations (45 C.F.R. Parts 160-64) ("HIPAA") to ensure the integrity and confidentiality of Protected Health Information. You agree to use this site to perform data submission or retrieval on behalf of your employer. You agree that you will not use this site in any manner that is illegal and will not introduce, Clear login information Accept Terms and Login

If you have forgotten your password, see the instructions at the end of this document.

Please enter your username and password, then press login. username: demo123 password: •••••••• VASC-ALERT TERMS AND CONDITIONS OF USE PLEASE READ THESE TERMS AND CONDITIONS OF USE CAREFULLY BEFORE USING THIS SITE. By CLICKING "ACCEPT TERMS AND LOGIN" you represent that you are an employee or authorized agent of a Vasc-Alert Customer. You agree that you are an authorized user of the Vasc-Alert service and have been granted access to this web site knowing that it contains confidential public health information as defined by the Health Insurance P ortability and Accountability Act of 1986 and its implementing regulations (45 C.P.R. Parts 160-64) ('HIPAA') to ensure the integrity and confidentiality of Protected Health Information. You agree to use this site to perform data submission or retrieval on behalf of your employer. You agree that you will not use this site in any manner that is illegal and will not introduce.	VASC-ALERT Vasc-Alert Online User Login
Clear login informan Accept Terms and Login	User Login         Please enter your username and password, then press login.         username:       demo123         password:

# **Downloading Reports**

You can download reports and other files from two locations. The "Files for Download" area of the Home Page shows the most recent sets of reports.

Files for Download	
Most recent files are available below. F access to all files, <u>click on the "Files" m</u>	or complete enu or this li
Vasc-Alert Training	date
Vasc-Alert Training	date Dec 23 2010
Vasc-Alert Training VA TRAI 155 20101123.zig NPRAIertList TRAI 155 20101142342.pdf	date Dec 23 2010 Oct 15 2009

1

If you need to download earlier files which are no longer on the Home Page, click on **FILES** in the main navigation bar. This takes you to a page where you can access your previous reports (depending on your start date), going back to May 2017. Use the navigation buttons indicated to browse through all the pages in the list. You can also upload files to us from this page.

Clicking on the name of a file or set of reports starts the download process. Usually a message pops up, asking you if you want to save or open the file. Because Vasc-Alert reports contain PHI (private health information), we **strongly recommend** that you save the file to a safe location on your hard drive or network before opening it.

ownload Files for VASC-ALER	T TRAINING FACILITY	Upload Files
file name	date	configuration change information.
VA TRAIN 157 20120218.zb	Feb 20, 2012 11:23 PM	
MGMT TRAIN 157 Jan2012.zip	Feb 15, 2012 06:06 AM	Unload files
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VA TRAIN 157 20120128.zb	Jan 30, 2012 10:22 PM	
VA TRAIN 157 20120121.zip	Jan 23, 2012 11:23 PM	file: Browse
VA TRAIN 157 20120114.zip	Jan 16, 2012 08:20 PM	upload file
VA TRAIN 157 20120107.zip	Jan 12, 2012 12:00 AM	upidad me
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VA TRAIN 157 20111231.zip	Jan 05, 2012 12:12 PM	
VA TRAIN 157 20111224.zip	Dec 27, 2011 01:01 AM	
VA TRAIN 157 20111217.zb	Dec 19, 2011 02:14 PM	
MgmtRpts 157 TRAIN Nov2011.zip	Dec 16, 2011 04:16 PM	
1/4 TO 101 427 00444040 ale	Dec 40,0044 44,00 044	

Remember to log out when you are finished!

### **Resetting Your Password**

If you have forgotten your password, or want to change it to something that is easier for you to remember, you can now take care of this yourself without having to contact Vasc-Alert support. The first time you enter an incorrect password, or leave the password field empty, a warning message shows up on the login screen. The second time, the login screen will display a link for you to reset your password.

Have you forgotten your password?	Request password reset by clicking here

Enter your user name (login) and your email address which must match the email address we have on record for you.

	VASC-ALERT
Request Pa	ssword Reset
Enter your user name	and email address to request a reset of your password.
username:	user name
email:	email address
	Request Password Reset

Next, check your email for a message from Vasc-Alert support. Part of the email is shown below.



Follow the link in the email to a web page where you can reset your password. Please note that the link in the email will only work for 12 hours, and you can only use it once.

When you follow the link, you will arrive at the password reset page.

Our password policy is displayed on the right of the screen. The password you create must:

- be at least six characters long
- · contain upper and lowercase letters
- contain at least one number
- · user name and password cannot be the same

The page includes some randomly generated passwords that you can use if you do not want to make up your own password.

## Quick Guide: Uploading Data Files

## Logging In

To get to the Vasc-Alert Online Application, start at the regular Vasc-Alert web site http://www.vasc-alert.com and click on the Customer Login link on the top bar.

If you have not received your user name and password from Vasc-Alert, please contact support@vasc-alert.com.



When the login screen appears, enter your name and password, then click "Accept Terms and Login. Forgotten your password? Read on...

VASC-ALERT Vasc-Alert Online User Login
Please enter your username and password, then press login.
username: demo123
password:
VASC-ALERT TERMS AND CONDITIONS OF USE DEADE READ THESE TERMS AND CONDITIONS OF USE CAREFULLY BEFORE USING THIS SITE.       Image: Comparison of the state of th

If you have forgotten your password, see the section at the end of this document.

Vasc-Alert Online User Login
Please enter your username and password, then press login. username: demo123 password: enter e

## **Uploading Data Files**

Some dialysis facilities get their treatment run data files to Vasc-Alert by uploading files manually on a regular basis (usually weekly.) While most centers choose to do this on Mondays, any day of the week is fine, although we prefer that you are consistent from one week to the next whenever possible.

You can upload files to Vasc-Alert from two areas: the Home page, and the Files page. The process is the same.



The Upload Files area on the Home Page is shown below. The area on the Files page is similar.

Upload Files ARA DeSoto	
You can use this upload form to send data file other setup or configuration change information	es or any on.
Choose File No file chosen	Upload

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			Open	Cancel

Click on the "Choose File" button in the Upload Files area, then locate and select your file. Click "upload file" to finish the process.

Remember to log out when you are done!

## **Resetting your Password**

If you have forgotten your password, or want to change it to something that is easier for you to remember, you can now take care of this yourself without having to contact Vasc-Alert support. The first time you enter an incorrect password, or leave the password field empty, a warning message shows up on the login screen. The second time, the login screen will display a link for you to reset your password.

Have you forgotten your password? Request password reset by clicking here

Enter your user name (login) and your email address which must match the email address we have on record for you.

	VASC-ALERT
<b>Request Pa</b>	ssword Reset
Enter your user name	and email address to request a reset of your password.
username:	username
email:	email address
	Request Password Reset

Next, check your email for a message from Vasc-Alert support. Part of the email is shown below.



Follow the link in the email to a web page where you can reset your password. Please note that the link in the email will only work for 12 hours, and you can only use it once.

When you follow the link, you will arrive at the password reset page.

Our password policy is displayed on the right of the screen. The password you create must:

- · be at least six characters long
- contain upper and lowercase letters
- contain at least one number
- user name and password cannot be the same

The page includes some randomly generated passwords that you can use if you do not want to make up your own password.

# Reviewing an Individual Treatment

This feature is coming soon!

# The Vasc-Alert Referral Module

## **Create Referral Forms While You Review Your Patients in Vasc-Alert**

- Creating a New Referral
- Reviewing and Reprinting Referrals
- Recording Interventions



The Vasc-Alert Referral Module provides a convenient way for you to generate referrals for your patients without having to leave Vasc-Alert. The module creates an online form prepopulated with patient information. When you have finished filling in the referral form, the module creates a printable version which includes a copy of the Patient Detail report. You can then fax the report to the Access Center, Radiology Department or Surgeon, or send it with the patient.

#### Download an example (PDF format)

When you create a referral, it appears in the online Patient Detail report. This gives you the opportunity to check the effectiveness of the intervention by looking for changes in VAPR, AAPR, and in the average blood flow rate, venous pressure and arterial pressure.

	VANOS, TOBY [VA-52693E Vasc-Alert Training Fac					
	(1-30 of 145	encounters)	← Prev	1 2 3	4 5	Next $\rightarrow$
	date	VAPR	AAPR	BFR	VP	AP
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A	V Graft 15					
1	08/04/12	0.709	0.346	417	200	-155
	08/02/12	0.721	0.336	400	170	-145
	07/31/12	0.556	0.345	446	185	-163
	07/28/12	0.728	0.343	450	212	-159
-	07/26/12	0.690	0.373	450	200	-180

## Creating a New Referral

#### 1. Select your patient

Both the Patient Search page and the Patient Detail page now include a Tools button.



Click on the button and select "CREATE REFERRAL" from the drop-down menu to display the referral form.

#### 2. Fill out the form

The referral form has areas for you to enter different kinds of information:

- Name, location and phone number of the doctor, hospital department or access center where the intervention will be performed.
- Basic patient information including name, MRN, address and phone number, date of first dialysis, and other items.
- Access information, including type and location, and date of creation. This is also where you will specify the requested procedures and the indications.
- Clinical information such as most recent hematocrit and factors that should be taken into account like diabetes.
- Information about your dialysis facility

Notes can be added to the right of each section. Additional space to enter notes appears when needed.

Vasc-Alert will prefill a lot of the patient information based on the patient's history.

- You must include the following information before you can save the referral:
  - · Name of the nephrologist
  - Patient address
  - At least one indication for the referral
  - Whether the patient has an X-Ray contrast allergy
  - Whether the patient has a heparin allergy
  - Whether the patient has a latex allergy
  - Whether the patient is diabetic
  - Whether the patients is taking Coumadin or any other lytic agents
  - Whether the patient is competent to sign

#### 3. Generate the referral packet

When you are finished with the form, click on the **save referral form for printing** button at the bottom of the online form. Vasc-Alert creates a referral packet which includes the the referral form and a copy of the most recent Patient Detail report.

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4. Print the referral packet

Download an example (PDF format)

Use the Print Referral Form button to print out the referral and Patient Detail report. Then click "return to patient info."

rn to patient info		Print Referral Fo
Refe	erral Form	date: 2012-08-29 id: VATRAIN3_10012-20120829-VA-52693E418D printed by:
Access Center: Central Hospital Radiology Department address: 1234 Central Boulevard Centerville, IL 61234	Dialysis Center: Va address: 23 phone: 22 fax: 77	sc-Alert Training Facility 3 45 Lincoln Way 34 Smith Rd 7-888-9999
phone: <u>987-555-4242</u> fax:	scheduled by: De	emo User

## **Reviewing and Reprinting Referrals**

You may want to display an existing referral in order to reprint it, or to log information about a follow-up intervention. To display a list of referrals created for your patients, click on **PATIENT DATA** in the menu bar; then click on the **Referrals** tab.

VASC-ALERT PATIENT DATA FILES	SUPPORT	logged in as I	Demo User [logout]
home Vasc-Alert Training Facility 3	patient info		
Patient Search Access Summary R	eferrals		
Referrals for Vasc-Alert Training Facility	3		
(1-30 of 33 referrals)		← Prev	1 2 Next →
date patient	access facility	intervention	date
08/29/2012 VANOS, TOBY [VA-52693E418D]	Central Hospital Radiology Department	1	
08/14/2012 FARIS, CHERELLE [VA-1723720D691]	ABC Access Center	PTA	08/15/2012
08/14/2012 NUCHOLS, HAYDEN [VA-27194AFF7F]	ABC Access Center		

The Referrals list shows all the referrals created for patients, from latest to earliest. From this list, you can view the referral by clicking on its date, or view the Patient Detail page for the patient by clicking on the patient name.



Once you have accessed the referral, you can reprint it or add information about a follow-up intervention. To return to the referrals list, click "return to referrals."

# **Recording Interventions**

You can also use the Referral module to log information about the resulting intervention. Interventions will appear in the Patient Detail report:

		¢- ₩	NOS, T Vasc-/	OBY [ Alert T	VA-52 rainin	693E4 g Fac	418C ility
N	(1-30 of 145	encounters)	← Prev	1 2 3	4 5	Next $\rightarrow$	
	date	VAPR	AAPR	BFR	VP	AP	
	08/29/12	Referral: fistula	gram/graftogra	m;			
	AV Graft 15						
1	08/04/12	0.709	0.346	417	200	-155	
	08/02/12	0.721	0.336	400	170	-145	
	07/31/12	0.556	0.345	446	185	-163	
	07/28/12	0.728	0.343	450	212	-159	
-	07/26/12	0.690	0.373	450	200	-180	

#### They also show up on the referrals list:

ate	patient	access facility	intervention	date
/29/2012	OSMON, MARYLN [VA-691122B6D7D]	ABC Access Center	PTA	08/29/2012
/29/2012	VANOS, TOBY [VA-52693E418D]	Central Hospital Radiology Department	ANGIOPLASTY	08/30/2012
/30/2012	TRUSELLO, PERRY [VA-412662FDCD5]			
				_

To record an intervention, select the related referral from the referral list. For more information, see Reviewing and Reprinting Referrals.

When you scroll to the bottom of the referral, you will see a section called "Related Intervention." Click the link to begin.



The Intervention Information form allows you to log basic information about the intervention.

VASC-ALERT PATIENT DATA	FILES	SUPPORT	logged in as Demo User	[ logout ]
home Vasc-Alert Training F	Facility 3	patient info		
Intervention Information				
Patient: 7 Referral Date 0	OBY VANO 8/29/2012	S [VA-52693E418D]		
Intervention Date:	8/30/2012			
Primary Procedure:	ANGIOPLAS	STY		
Other/Additional Procedure(s):				
Surgeon:	Dr. Copperfi	ield		
Notes:	massively aneurysm post prod with acco	y aneurysmal with spira from upper arm to term cedure mod improvement ess less pulsatile	ling inal arch; in stenosis	
Cancel Save Intervention				

Click "Save Intervention" to return to the referral form, then "return to referrals" to return to the list.

# \_Downloading Reports

You can download reports and other files from two locations. The "Files for Download" area of the Home Page shows the most recent sets of reports.

Files for Download	
Most recent files are available below. F access to all files, <u>click on the "Files" m</u>	or complete enu or this lir
Vasc-Alert Training	date
Vasc-Alert Training MA_TRAI_155_20101123.zig	date Dec 23 2010
Vasc-Alert Training MA_TRAI_155_20101123.zig APRAlertList_TRAI_155_2010142342.pdf	date Dec 23 2010 Oct 15 2009

If you need to download earlier files which are no longer on the Home Page, click on **FILES** in the main navigation bar. This takes you to a page where you can access your previous reports (depending on your start date), going back to May 2017. Use the navigation buttons indicated to browse through all the pages in the list. You can also upload files to us from this page.

Clicking on the name of a file or set of reports starts the download process. Usually a message pops up, asking you if you want to save or open the file. Because Vasc-Alert reports contain PHI (private health information), we **strongly recommend** that you save the file to a safe location on your hard drive or network before opening it.

Download Files for VASC-ALER	T TRAINING FACILITY	
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file name	date	configuration change information.
VA TRAIN 157 20120218.zip	Feb 20, 2012 11:23 PM	
MGMT TRAIN 157 Jan2012 zip	Feb 15, 2012 06:06 AM	Unlowd files
VA TRAIN 157 20120204.zip	Feb 06, 2012 11:23 PM	oprodu me.
VA TRAIN 157 20120128.zb	Jan 30, 2012 10:22 PM	
VA TRAIN 157 20120121.zb	Jan 23, 2012 11:23 PM	file: Browse_
VA TRAIN 157 20120114.zip	Jan 16, 2012 08:20 PM	upload file
VA TRAIN 157 20120107.zip	Jan 12, 2012 12:00 AM	apiead me
MgmtRpts 157 TRAIN Dec2011.zip	Jan 10, 2012 03:15 PM	
VA TRAIN 157 20111231.zip	Jan 05, 2012 12:12 PM	
VA TRAIN 157 20111224.zip	Dec 27, 2011 01:01 AM	
VA TRAIN 157 20111217.zb	Dec 19, 2011 02:14 PM	
MgmtRpts 157 TRAIN Nov2011.zip	Dec 16, 2011 04:16 PM	
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# \_Extra Pages

this is just a place to store pages that I am not using but don't want to delete just yet.

# Getting started



You can create a referral form for a patient from the Patient Search screen or from the Patient Detail report. Click the elect CREATE REFERRAL.



# DECAPRIO, CHANG [VA-97316L71555] Vasc-Alert Training Facility 2

The Online Referral Form appears.

Next: Filling out the Online Referral form

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	Vasc-Alert Traning Facility 2 💌 putient info	
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32.5		
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# Filling out the Online Referral Form

The Online Referral Form has six parts:

- 1. Access Center Information
- 2. Patient Information
- 3. Access Type
- 4. Clinical Information
- 5. Dialysis Center Info
- 6. Additional Notes and Instructions

Information about the patient and the dialysis facility are prepopulated for you, although you can override those values. You cannot change the patient name or medical record number. You can also leave fields empty to fill in after you print the form out.

## **Access Center Information**

This section is for basic information about the Access Center.

VASC-ALERT	PATIENT DATA	FILES	SUPPORT	logged in as Demo User	[ logout ]
home	Vasc-Alert Training Fa	cility 2 💌	patient info		
Referral	Form				

Access	Center Information			
Name:	Central Access Center	Address:	1400 Boulevard du Soleil	~
Phone:	847-555-8982		Suite 301 Centerville, IL 60201	
Fax:	847-555-8990			-

## **Patient Information**

This section holds information about the patient

MRN:	VA-97316L71555	Notes:	
Patient Name	CHANG DECAPRIO		
Date of birth:	1/15/1960		
Date of First Dialysis:	2/23/2010		
Dialysis Schedule:	Mon, Wed, Fri Tue, Thu, Sat		
Most Recent Dialysis	04/06/2012		
Treatment: atient Phone:	847-555-6787		
tient Address	38 Avenida de la Luna Periphery Heights, IL 60699	*	

# Access Type

Some stuff about the access type part of the form

Access Type:	Catheter	Graft	© Fis	stula	Access Notes:	It looks as if a lot of collaterals are	<u>^</u>
ate of Creation:	2/1/2010					developing	
Surgeon:	Dr. C. Kent						
Location:	Ieft	© right					
	© forearm a	oupper arm	© chest	© thigh			
Requested Procedure:	venogram fi Other:	IIII Istulagram/gra	aftogram	declot			*
Indication:	Steal Synd	Irome	Difficu	It Cannulation			
	Non-matur	ing Fistula	E Follow	/-up			
	Vasc-Alert	Surveillance	Recirc	culation			
	Aneurysm		🔲 High \	/enous Pressure			
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	Clotted Ac	cess	🔲 Infiltra	tion			
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## **Clinical Information**

Some stuff about the Clinical Information part of the form

hct:	0.32		Clinical Notes:	
hct Date:	4/2/2012			
stat k drawn:				
Sent to Lab:	Spectra			
stat k Value:				
X-Ray Contrast Allergy?	© yes	no		
Diabetic	ø yes	© no		
Coumadin/Other Lytics?	yes	© no		
competent to sign consent?	yes	© no		

# **Dialysis Center Info**

Some stuff about the dialysis center part of the form

Dialysis Ce	enter Info		
Name:	Vasc-Alert Training Facility 2		
Phone:	888-222-9898		
Fax:	888-222-9899		
Address:	1750 Bloodflow Boulevard Suite 102 Building 3 Nowhere Place, WA 99999	A 	
Scheduled by:	Demo User		
Nephrologist:	Dr. Eleanor Rigby		

# **Additional Notes and Instructions**

Some stuff about the notes part of the form

Additional Notes And Instructions	
Patient has limited English.	A
	-

save referral form for printing

# Creating a Referral Package

The Vasc-Alert Referral Module allows you to create and print a referral package from within Vasc-Alert. The package contains:

- A fax cover sheet
- A referral form, prepopulated with patient information, and specifying the procedure(s) requested, details of medication and allergies, access information and additional notes
- The most recent Patient Detail report for the patient

The referral becomes part of the patient history, and can be viewed from the Patient Detail report and from the Referral List.

#### NOTE:

If you have already created a referral in a different system, and just want to log it in the patient's record, see Logging Referrals from Other Systems (original version)

#### THE REST OF THIS HAS NOT BEEN UPDATED YET

#### 1. Select your patient

Both the Patient Search page and the Patient Detail page now include a Tools button.



Click on the button and select "CREATE REFERRAL" from the drop-down menu to display the referral form.

#### 2. Fill out the form

The referral form has areas for you to enter different kinds of information:

- Name, location and phone number of the doctor, hospital department or access center where the intervention will be performed.
- Basic patient information including name, MRN, address and phone number, date of first dialysis, and other items.
- Access information, including type and location, and date of creation. This is also where you will specify the requested procedures and the indications.
- Clinical information such as most recent hematocrit and factors that should be taken into account like diabetes.
- · Information about your dialysis facility

Notes can be added to the right of each section. Additional space to enter notes appears when needed.

Vasc-Alert will prefill a lot of the patient information based on the patient's history.

You must include the following information before you can save the referral:

- Name of the nephrologist
- Patient address
- At least one indication for the referral
- Whether the patient has an X-Ray contrast allergy
- Whether the patient has a heparin allergy
- Whether the patient has a latex allergy
- Whether the patient is diabetic
- Whether the patients is taking Coumadin or any other lytic agents
- Whether the patient is competent to sign

#### 3. Generate the referral packet

When you are finished with the form, click on the **save referral form for printing** button at the bottom of the online form. Vasc-Alert creates a referral packet which includes the the referral form and a copy of the most recent Patient Detail report.

Refer	ral Form	earer 2012/04/201 ei wa Bouled, 1900 2012/02/40 02/2012/11/02 printed by:	Patient Detail Report					то	BY VA
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phone: 807-655-4242						6/2	4.18		
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4. Print the referral packet

Download an example (PDF format)

Use the Print Referral Form button to print out the referral and Patient Detail report. Then click "return to patient info."

turn to patient info		Print Referral Fo
Refe	erral Form	date: 2012-08-29 id: VATRAIN3_10012-20120829-VA-52693E418D printed by:
Access Center: Central Hospital Radiology Department address: 1234 Central Boulevard Centerville, IL 61234	Dialysis Center: Va address: 23 phone: 22 fax: 77	sc-Alert Training Facility 3 45 Lincoln Way 34 Smith Rd 7-888-9999
phone: 987-555-4242 fax:	scheduled by: De	emo User

# Printing the form

Click on the print button

save referral form for printing

You may see this message:



The printable version of the referral for appears. Page one is the form you filled in.

Referra	l Form	date: 2012-04-17 id: VATRAIN2_501-20120417-VA-97316L7155 printed by:
Access Center: Central Access Center 1400 Boulevard du Soleil Suite 301 Centerville, IL address: 60201	Dialysis Center: Va 17 address: No phone: 88	asc-Alert Training Facility 2 50 Bloodflow Boulevard Suite 102 Building 3 owhere Place, WA 99999 8-222-9898
phone: 847-555-8982	fax: 88	8-222-9899
fax: 847-555-8990	scheduled by: De	emo User
	nephrologist: Dr	: Eleanor Rigby
PATIENT INFO:		notes:
		1005.
patient name: CHANG DECAPRIO		
dob: 01/15/1960		
date of first dialysis: 02/23/2010		
dialysis schedule: Mon, Wed, Fri		
most recent treatment: Friday 04/06/2012		
home address: 38 Avenida de la Luna Periphery Heights, IL 6069	9	
phone: 847-555-6787		
ACCESS INFO:		
access type: GRAFT		notes: It looks as if a lot of collaterals are developing
venous gauge:		
location: left upper arm		
date of creation: 2010-02-01		
surgeon: Dr Kent		
requested procedure(s): fistulagram/graftogram, ,		
indication: Recirculation , Vasc-Alert Surveillance ,		
CLINICAL INFO:		
hct: 0.320		notes:
hct date: 2012-04-02		
stat k drawn: 2012-04-05		_
cont to John Constra		
stat kushar		
x-ray contrast allergy: no		
diabetic? yes		
competent to sign? yes		
ADDITIONAL NOTES AND INSTRUCTIONS:		
Patient has limited English		
VASCALOT		
VASCALERI		

Page two is the most recent Patient Detail report for the patient. Notice that the referral is listed in the table on the right side of the report.

**Recent Access History:** 

Average Session Values:

VAPR

0.839

0.804

0.600

0.702

0.331

0.785

0.624

0.498

0.697

0.510

0.807

1.250

1,903

0.633

0.466

0.421

0.625

0.394

0.661

0.412

0.508

1.462

The threshold for VP values is 250. The threshold for Negative AP values is -250.

values over threshold

>> 1.732

GRAFT 14

AAPR

0.234

0.249

0.596

0.250

0.264

0.558

0.260

0.275

0.400

0.290

0.264

0.612

0.267

0 264

0.291

0.258

0.256

0.325

0.265

0.259

0.270

0.299

0.308

The threshold for VAPR values is 0.55 for fistula patients, and 0.55 for graft patients. The threshold for AAPR values is 0.65 for fistula patients, and 0.6 for graft patients.

average values for

dialysis session

moving average

Referral: fistulagram/graftogram ; indicators: Recirculation ; Vasc-Alert Surveillance ;

BFR

458

456

321

447

456

392

456

453

439

452

455

394

381

455

452

455

456

444

456

456

449

452

388

---

04/06/12

date

04/17/12 GRAFT 14 04/06/12

04/04/12

04/02/12

03/30/12

03/28/12

03/26/12

03/23/12

03/21/12

03/19/12

03/16/12

03/14/12

03/12/12

03/09/12

03/07/12

03/05/12

03/02/12

02/29/12

02/27/12

02/24/12

02/22/12

02/20/12

02/17/12

02/15/12

Graph Legend



notee	
notes.	

Vasc-Alert, LLC	C 3000 K	Cent Ave.	W. Lafay	ette, IN	47906
© 2012 , Vasc-	Alert, LL	.C			

report generated Apr 17, 2012 22:23

2 of 2

VP

215

210

216

185

204

140

199

190

166

193

177

187

202

268

184

178

174

176

170

188

173

180

229

alert

threshold

VA-97316L71555

AP

-108

-116

-187

-119

-116

-206

-110

-130

-171

-136

-120

-227

-106

-119

-133

-118

-115

-142

-118

-115

-128

-136

-114

Print Referral Form

To print the form, click on

at the top of the first page.

# What next?

Add something here about how you need to get the form over to the access center, and then try to get a copy of the intervention report back.

# \_February 2012 Enhancements

We are pleased to let you know that we have made some changes to the Vasc-Alert Client Website. These changes were designed to bring you additional information on your patients, and to make it faster and easier for you to use the site.

#### February 2012 Enhancements

The root page February 2012 Enhancements could not be found in space Vasc-Alert User Documentation.
### **Redesigned Home Page**

The home page has been reorganized into four areas:

- 1. Alert List
- 2. Files Available for Download
- 3. File Upload Area
- 4. News and Announcements

#### February 2012 Enhancements

The root page February 2012 Enhancements could not be found in space Vasc-Alert User Documentation.

home Vasc-Alert Training Facility 2 •			
· · · · · · · · · · · · · · · · · · ·			
Patients on alert: Vasc-Alert Training Facility 2	Files for Download		Upload Files
The following is a list of patients at Vasc-Alert Training	Most recent files are available below. Fo	or complete	You can use this upload form to send data files or any
Pacinty 2 with alerts in the last month.	access to an mes, <u>click on the Piles mit</u>	end of uns link.	other setup of configuration change information.
name (mm) MEHTALA, MALLIE (VA-73485L292b2)			
most recent alert: 02/20/12			Upload file:
alerts in the past 30 days: 1			
	Vasc-Alert Training	date	file: Browse
	CHECK DB.log	Aug 21 2011	
<b>(</b>	TRAL 155 20101122 zin	Aug 12 2011	upload file
•	PRAIedList TRAL 155 200910142342 pdf	Oct 15 2009	
	accessReport TRAI 155 200910142342.pdf	Oct 15 2009	
			News and Announcements
	Vasc-Alert Training Facility 2	date	
	IMG 0418.ipg	Oct 29 2010	You may already know about the positive changes we are making to the Vasc-Alert system:
	CONGRATULATIONS pdf	Mar 25 2010	A redesigned Home Page gives you more information about
	VAPRAlertList TRAIN2 501 200910142343.p.,	Oct 15 2009	your patients on alert. We have simplified the workflow for reviewing Patient Detail reports on-line. The Patient Access
	Pat Detail NonAlert TRAIN2 501 20091014	Oct 15 2009	report is now available on-line. Passwords can now be classified and by users.
			The new look and features were demonstrated in webinars held
			on Feb 23 and 24. We will be posting recordings of these presentations in case you were not able to participate. Watch
			this space for further information.

**Note:** If you have access to more than one facility, you will need to choose a center before you can see patient data or upload files. The drop-down list is now in the upper left part of the page



### **Redesigned Alert List**

home	Vasc-Alert Training	•
Patients on	alert: Vasc-Alert Training	
The following i with alerts in t	s a list of patients at Vasc-Al he last month.	ert Training
name [mrn]		
BELA, NISHA IV	A-19561L6c226]	
	most recent alert alerts in the past 30 days:	01/31/12 3
BELFLOWER, LI	ONEL [VA-91515Lca8f4]	
	most recent alert: alerts in the past 30 days:	01/27/12 4
CERNI, BOBBY	VA-66714L442bb]	
	most recent alert alerts in the past 30 days:	02/01/12 2
CHAPLEAN, KAT	HE [VA-63961Lbb0af]	
	most recent alert: alerts in the past 30 days:	02/15/12 1
COZZY, ARLIND	A [VA-16363L4b305]	

February 2012 Enhancements:

The root page February 2012 Enhancements could not be found in space Vasc-Alert User Documentation.

The list of patients on alert has moved to the left side of the page. A patient with 4 or more alerts in the previous 30 days will be displayed in a pink bar. A patient with 3 alerts will have the date and number of alerts highlighted in red.

As before, clicking on the patient's name will take you directly to their Patient Detail report.

#### **Enhanced Navigation**

The top of the Patient Detail report shows the names of the previous and next patients in the list, along with arrow keys. Click on an arrow or patient name to browse forwards or backwards through your patients without having to return to the list each time.

Note: The "next" and "previous" patient depend on which list you were on when you accessed the first Patient Detail report. If you were clicked on a patient in the Alert List, you will browse through other patients from the Alert List. If you were on the Patient Search screen, you will browse through whatever other patients were in the search screen.

#### February 2012 Enhancements



#### **Online Access Report**

When you click on **PATIENT DATA** in the navigation bar at the top of the screen, you will see two tabs, labeled "Patient Search" and "Access Summary." Click on the "Access Summary" to see a list of your patients and their most recent access information.

b .	Access Summary		
s Si	Immary for VASC	-ALERT TRA	INING
	< Prev 1 2 3 4	5 Next >	(100 patients)
		access/gauge	
TOR	VA-37311Lfe115]	2012-02-17	FISTULA 14
GENE	[VA-77554L77bc6]	2012-02-17	FISTULA 14
LLAN	/A-65984KE33605]	2012-01-31	CATHETER 177
		2012-01-28	UNKNOWN 177
		2012-02-18	FISTULA 17
VA-	14464L32d3f]	2012-02-14	CATHETER 14?
1000		2012-02-18	FISTULA 14
/A-19	561L6c226]	2012-02-18	FISTULA 14

Next to each patient is a list of all access types recorded for the patient during the last month. The last date the patient used that access is shown for each entry. You will see a question mark when there is a needle gauge associated with a catheter or missing access.

**Remember:** Missing or inaccurate information can prevent you from getting full value from Vasc-Alert, so take a moment whenever you log in to make sure that this information is being kept as current as possible. If you find an error, it must be fixed in your Electronic Medical Record system.

#### February 2012 Enhancements

### **Downloading Earlier Reports**

While you can download the most recent reports from the home page, there are times when you may want to get a copy of an earlier report. For example, you might want to compare the management reports from last month with the reports from a year earlier.

Clicking on **FILES** in the main navigation bar takes you to a page where you can access your old reports, going back to 2009. You can browse to earlier reports by clicking on the navigation buttons above the file list.

Download Files for VASC-ALERT 1	RAINING FACILITY	
1 9 N Show 20 items per Pa	end > (161 items)	Upload Files
file name	date	configuration change information.
VA TRAIN 157 20120218.zip	Feb 20, 2012 11:23 PM	
MGMT TRAIN 157 Jan2012 zip	Feb 15, 2012 06:06 AM	11.1
VA TRAIN 157 20120204.zip	Feb 06, 2012 11:23 PM	Upload file:
VA TRAIN 157 20120128.zb	Jan 30, 2012 10:22 PM	
VA TRAIN 157 20120121.zip	Jan 23, 2012 11:23 PM	file: Browse
VA TRAIN 157 20120114.zb	Jan 16, 2012 08:20 PM	under d fla
VA TRAIN 157 20120107.zb	Jan 12, 2012 12:00 AM	upioad me
MgmtRpts 157 TRAIN Dec2011.zip	Jan 10, 2012 03:15 PM	
VA TRAIN 157 20111231.zb	Jan 05, 2012 12:12 PM	
VA TRAIN 157 20111224.zb	Dec 27, 2011 01:01 AM	
VA TRAIN 157 20111217.zip	Dec 19, 2011 02:14 PM	
MomtRots 157 TRAIN Nov2011.zip	Dec 16, 2011 04:16 PM	
VA TRAIN 157 20111210.zb	Dec 12, 2011 11:23 PM	
VA TRAIN 157 20111203.zip	Dec 05, 2011 01:13 PM	
VA TRAIN 157 20111124.zb	Nov 29, 2011 10:10 AM	
VA TRAIN 157 20111120.zb	Nov 21, 2011 01:13 PM	
BFR Deviation Oct2011 157 TRAIN.pdf	Nov 16, 2011 11:11 AM	
Access Type Distribution 157 TRAIN Oct20.	Nov 16, 2011 11:11 AM	
PatientsOnAlert byMonth 157 TRAIN Oct201	Nov 16, 2011 11:11 AM	
VA TRAIN 157 20111114.zip	Nov 15, 2011 10:10 AM	

What is the difference between down and downloading them on the Files p	loading reports from the Home page age?
The Home page shows recent reports	The Files page gives you access to all reports
for all centers you are allowed to view	for the currently selected center.

You can also upload files to us from this page.

#### February 2012 Enhancements

### **Reset Your Password**

If you have forgotten your password, or want to change it to something that is easier for you to remember, you can now take care of this yourself without having to contact Vasc-Alert support. The first time you enter an incorrect password, or leave the password field empty, a warning message shows up on the login screen. The second time, the login screen will display a link for you to reset your password.

By clicking on this link, a new screen will appear. You will need to enter your user name (login) and your email address. This must match the email address we have on record for you.

Next, check your email for a message from Vasc-Alert support. Part of the email is shown below.

VASC-ALERT Vasc-Alert Online User	Account Request
A request was made through Vasc-Alert Online t Support at 765-775-2525. The following link will direct you to a form on Vas	o reset your password. If you did not make this request, please contact Vasc-Alert
Click this link to reset your password	This link will be active for twelve (12) hours from the time of the request (The request was recorded on Thursday 16 February 2012 at 09:12 PM.)
protect against "phishing" attacks, you may have Online password reset page. If you have any dift	If you use security software that re-writes URL's sent through email in an attempt to to respond to security questions from that service before you reach the Vasc-Alert iculty using the link above, please contact Vasc-Alert Technical Support for help.

Follow the link in the email to a web page where you can reset your password. Please note that the link in the email will only work for 12 hours, and you can only use it once.

When you follow the link, you will arrive at the password reset page.

Our password policy is displayed on the right of the screen. The password you create must:

- be at least six characters long
- contain upper and lowercase letters
- contain at least one number
- user name and password cannot be the same

The page includes some randomly generated passwords that you can use if you do not want to make up your own password.

#### February 2012 Enhancements

# \_Files Page

ownload Files for VASC-ALER	TRAINING FACILITY	
file name	Page (161 items) date	Upload Files You can use this upload form to send data files or any other setup or configuration change information.
VA. TRAIN. 157. 20120218.20 MGMT. TRAIN. 157. Jan2012.20 VA. TRAIN. 157. 2012024.20 VA. TRAIN. 157. 20120128.20 VA. TRAIN. 157. 20120121.20 VA. TRAIN. 157. 20120114.20 VA. TRAIN. 157. 20120107.20	Feb 20, 2012 11:23 PM Feb 15, 2012 06:06 AM Feb 06, 2012 11:23 PM Jan 30, 2012 10:22 PM Jan 23, 2012 11:23 PM Jan 16, 2012 08:20 PM Jan 12, 2012 12:00 AM	Upload file: file: Beowse
MomReds 157 TRAIN Dec2011.zip VA. TRAIN 157. 20111231.zip VA. TRAIN 157. 20111231.zip VA. TRAIN 157. 2011124.zip VA. TRAIN 157. 20111217.zip MomReds 157. TRAIN Nov2011.zip VA. TRAIN 157. 20111201.zip VA. TRAIN 157. 20111203.zip	Jan 10, 2012 03:15 PM Jan 05, 2012 12:12 PM Dec 27, 2011 01:01 AM Dec 19, 2011 02:14 PM Dec 16, 2011 04:16 PM Dec 12, 2011 11:23 PM Dec 05, 2011 01:13 PM	
VA TRAIN 157 20111124.20 VA TRAIN 157 20111120.20 BFR Deviation Oct2011 157 TRAIN.pdf Access Type Distribution 157 TRAIN.Oct2 PatientsOnAlert Month 157 TRAIN.Oct2 VA TRAIN 157 2011513 20	Nov 29, 2011 10:10 AM Nov 21, 2011 01:13 PM Nov 16, 2011 11:11 AM 20Nov 16, 2011 11:11 AM 101Nov 16, 2011 11:11 AM	

While you can download the most recent reports from the home page, there are times when you may want to get a copy of an earlier report. For example, you might want to compare the management reports from last month with the reports from a year earlier.

Clicking on **FILES** in the main navigation bar takes you to a page where you can access your old reports, going back to 2009. You can browse to earlier reports by clicking on the navigation buttons above the file list.

What is the difference between downl and downloading them on the Files pa	loading reports from the Home page age?
The Home page shows recent reports	The Files page gives you access to all reports
for all centers you are allowed to view	for the currently selected center.

You can also upload files to us from this page.

# \_Logging In 1

To get to the Vasc-Alert Online Application, start at the regular Vasc-Alert web site http://www.vasc-alert.com and click on the Customer Login link on the top bar.

🕕 If you hav	ve not received y	our user name and pas	ssword from Vas	c-Alert, please conta	act support@vasc-alert.c	om.
Home					Customer	Login   Conict Us
VASC	ALERI	it's al	l about	PR	ESS	URE
		Resource Area	Services	Advantages	Getting Started	Educational Material

When the login screen appears, enter your name and password, then click "Accept Terms and Login. Forgotten your password? Read on...

Veee Alert Online Hear Lerin
Please enter your username and password, then press login. username: demo123
password:
VASC-ALERT TERMS AND CONDITIONS OF USE PLEASE READ THESE TERMS AND CONDITIONS OF USE CAREFULLY BEFORE USING THIS SITE.
By CLICKING "ACCEPT TERMS AND LOGIN" you represent that you are an employee or authorized agent of a Vasc-Alert Customer. You agree that you are an authorized user of the Vasc-Alert service and have been granted access to this web site knowing that it contains confidential public health information as defined by the Health Insurance Portability and Accountability Act of 1996 and its implementing regulations (45 C.F.R. Parts 160-64) ("HIPAA") to ensure the integrity and confidentiality of Protected Health Information. You agree to use this site to perform data submission or retrieval on behalf of your employer. You agree that you will not use this site in any manner that is illegal and will not introduce,
Clear login information Accept Terms and Login

# \_Logging In 2

	VASC-ALERT Vasc-Alert Online User Login
Please enter your usern username: password: VASC-ALERT TEI PLEASE READ TI BEFORE USING TA By CLICKING "AC authorized agent of the Vasc-Alert serv contains confidential and Accountability A ("HIPAA") to ensure agree to use this sit You agree that you	ame and password, then press login. demo123 exercised RMS AND CONDITIONS OF USE HESE TERMS AND CONDITIONS OF USE CAREFULLY HIS SITE. CEPT TERMS AND LOGIN" you represent that you are an employee or a Vasc-Alert Customer. You agree that you are an authorized user of ice and have been granted access to this web site knowing that it public health information as defined by the Health Insurance P ortability ct of 1996 and its implementing regulations (45 C.P.R. Parts 160-64) the integrity and confidentiality of Protected Health Information. You a to perform data submission or retrieval on behalf of your employer, will not use this site in any manner that is illegal and will not introduce, Clear login inform on Accept Terms and Login

# \_Referral How To

#### How to use the Vasc-Alert Referral Module

#### 1. Select your patient

Both the Patient Search page and the Patient Detail page now include a Tools button.



Click on the button and select "CREATE REFERRAL" to display the referral form.

## 2. Fill out the form

The referral form has areas for you to enter different kinds of information:

- Name, location and phone number of the access center
- Basic patient information including name, MRN, address and phone number, date of first dialysis, and other items.
- Access information, including type and location, and date of creation. This is also where you will specify the requested procedures and the indications.
- Clinical information such as most recent hematocrit and factors that should be taken into account like diabetes.
- · Information about your dialysis facility

Vasc-Alert will prefill a lot of the patient information.

### 3. Generate the referral packet

When are are finished with the form, click on the save referral form for printing button at the bottom of the online form.

save referral form for printing

♥ Vasc-Alert, LLC This service is covered by U.S. Patent 7,597,686. Other patents pending. (7,20110).302 Stid: Properties.lmg42 1553 2011-02-15 00:45:022 lmg42 \$].

Vasc-Alert creates a referral packet which includes the the referral form and a copy of the most recent Patient Detail report.

## 4. Print the referral packet



Use the Print Referral Form button to print out the referral and Patient Detail report.

Confirm an return to pa	nd Print Referral for MICHEL J HARTGROV tient info	E [VA-73485L2	9282]	Print Referral Form
	Referra	al Form	date: 2012-04-22 id: VATRAIN2_501-20120422 printed by:	2-VA-73485L292B2
	Access Center: <u>Central Access Center</u> address; <u>52 Nephrology Court Suite 5N Centralia</u> , WA 89109 phone: <u>999-555-9090</u> fax: <u>999-555-9089</u>	Dialysis Center: Vasc-A 1750 B address: Nowhe phone: 888-22 fax: 888-22 scheduled by: Demo l	lert Training Facility 2 loodflow Boulevard Suite 11 re Place, WA 99999 2-9899 2-9899 Jser	02 Building 3

# \_Online Access Report

When you click on **PATIENT DATA** in the navigation bar at the top of the screen, you will see four tabs: Patient Search, Access Summary, Referrals, and Interventions. Click on the "Access Summary" to see a list of your patients and their most recent access information.

VASC-ALERT	
PATIENT DATA FILES SUPPORT DOCUMENT	ATION PODCASTS FAQ
	logged in as Demo User [ logout ]
home Vasc-Alert Training Facility 2  patient info	
Patient Search Access Summary Referrals Inte	erventions
Patient Access Summary for VASC-ALERT TRAINING	FACILITY 2
(89 patients)	< Prev 1 2 3 4 5 Next>
name (mm)	date access/gauge
ALLABAND, JUNIOR (VA-56493322286)	Jul 25, CATHETER, OTHER 0 2020 ?
ARENTZ_MAURICIO (VA-669592D15C5)	Jul 24, 2020 GRAFT LOOPED 15
AUNKST_LAKITA (VA-692593FE316)	Jul 25, 2020 GRAFT OTHER 15
BAKLUND, VELVA (VA-5989515AD9A)	Jul 24, GRAFT STRAIGHT 15 2020
BALES_ELDA (VA-9589529537B)	Jul 24, 2020 AV FISTULA 15
BEIGHTOL, JULIET (VA-411463F1ADF)	Jul 25, 2020 AV FISTULA 16
BELLANTONE_BOBBY [VA-836411D0443]	Jul 25, CATHETER, DOUBLE 2020 LUMEN CUFFED 0 ?
BLOTSKY, IRMGARD (VA-144471D4180)	Jul 24, 2020 AV FISTULA 15

Next to each patient is a list of all access types recorded for the patient during the last month. The last date the patient used that access is shown for each entry. A question mark indicates an unexpected value, such as a catheter with a gauge or a missing access. It is also easy to see which AV patients are missing needle gauge values.

**Remember:** Missing or inaccurate information can prevent you from getting full value from Vasc-Alert, so take a moment whenever you log in to make sure that this information is being kept as current as possible. If you find an error, it must be fixed in your Electronic Medical Record system.

## \_Password Reset

If you have forgotten your password, or want to change it to something that is easier for you to remember, you can now take care of this yourself without having to contact Vasc-Alert support. The first time you enter an incorrect password, or leave the password field empty, a warning message shows up on the login screen. The second time, the login screen will display a link for you to reset your password.

Have you forgotten your password	Request password	reset by clicking here
----------------------------------	------------------	------------------------

Enter your user name (login) and your email address which must match the email address we have on record for you.

VASC-ALERT				
Request Pa	ssword Reset			
Enter your user name	and email address to request a reset of your password.			
username:	username			
email:	email address			
	Request Password Reset			

Next, check your email for a message from Vasc-Alert support. Part of the email is shown below.



Follow the link in the email to a web page where you can reset your password. Please note that the link in the email will only work for 12 hours, and you can only use it once.

When you follow the link, you will arrive at the password reset page.

Our password policy is displayed on the right of the screen. The password you create must:

- be at least six characters long
- · contain upper and lowercase letters
- contain at least one number
- user name and password cannot be the same

The page includes some randomly generated passwords that you can use if you do not want to make up your own password.

# \_PD Navigation

The top of the Patient Detail report shows the names of the previous and next patients in the list, along with arrow keys. Click on an arrow or patient name to browse forwards or backwards through your patients without having to return to the list each time.

Note: The "next" and "previous" patient depend on which list you were on when you accessed the first Patient Detail report. If you were clicked on a patient in the Alert List, you will browse through other patients from the Alert List. If you were on the Patient Search screen, you will browse through whatever other patients were in the search screen.

VASC-ALERT							
PATIENT DATA	FILES	SUPPORT	DOCUMENTATION	POD	CASTS	FAQ	
					logged in as	s Demo User	[ logout ]
home	Vasc-Alert Trainin	ig Facility 2 🗸	Patient Treatments Overvie	ew	Patient I	Detail	
ARENTZ, MA	AURICIO [VA-669592	2D15C5]		BAKL	UND, VELV	A [VA-598951	5AD9A]

# \_Referral Form Graphic

## Create Referral Forms While You Review Your Patients in Vasc-Alert



The Vasc-Alert Referral Module provides a convenient way for you to generate referrals for your patients without having to leave Vasc-Alert. The module creates an online form prepopulated with patient information. When you have finished filling in the referral form, the module creates a printable version which includes a copy of the Patient Detail report. You can then fax the report to the Access Center, or send it with the patient.

Download an example (PDF format)

Creating a new referral

How to review existing referrals

## Referrals are displayed in the online version of the Patient Detail report

(1-30 of 1	02 encounters)		← Prev <b>1</b>	2 3	4 Next →
date	VAPR	AAPR	BFR	VP	AP
					2
FIGTIL A 44					
FISTULA 14	1 008	0.432	439	222	-196
FISTULA 14 04/06/12 04/04/12	1.008 0.585	0.432	439 444	222 185	-196 -164
FISTULA 14 04/06/12 04/04/12 04/02/12	1.008 0.585 0.597	0.432 0.382 0.347	439 444 406	222 185 175	-196 -164 -135
4/06/12 4/04/12 4/02/12 3/30/12	1.008 0.585 0.597 0.615	0.432 0.382 0.347 0.416	439 444 406 405	222 185 175 177	-196 -164 -135 -164
ISTULA 14 4/06/12 4/04/12 4/02/12 3/30/12 3/30/12 3/26/12	1.008 0.585 0.597 0.615 0.622	0.432 0.382 0.347 0.416 0.354	439 444 406 405 435	222 185 175 177 192	-196 -164 -135 -164 -163

## \_Vasc-Alert Weekly Reports

Five reports are available on a weekly basis from Vasc-Alert. The same information is also available online.

#### VAPR and AAPR Alert Lists



The weekly VAPR Alert List shows the patients who have been issued at least one VAPR (Vascular Access Pressure Ratio) alert within the time frame defined at the top of the report. A patient appears on the alert list when he/she has had three consecutive treatments with VAPR results above the defined threshold. The threshold is 0.55 for both fistula patients and graft patients.

Patients highlighted in yellow have had alerts since the last reports were issued. The report also shows the date of the two most recent alerts and the number of alerts within the past 90 days. The number of alerts within the past 30 days is shown in red to the left of the name.

If an alert has been issued, a clinician should try to determine the cause of the elevated pressure reading, rule out any correctable cause of pressure elevation, and then refer the patient for intervention if necessary.

The AAPR Alert List is similar to the VAPR alert list but shows patients who had AAPR (Arterial Access Performance Ratio) alerts. The AAPR threshold is 0.65 for fistula patients and 0.60 for graft patients.

#### Patient Detail Reports: Patients on Alert and Patients Not on Alert



Vasc-Alert issues two sets of Patient Detail reports. One set covers patients who have been issued a VAPR or AAPR alert within the previous 30 days. The Patient Detail reports make it easy to identify patients with increasing trends or consistently elevated VAPR or AAPR values, so early referrals can be made.

The second set of Patient Detail reports includes the rest of your patients. Even though a patient has not had a recent alert, the clinical staff may want to review the report to identify early trends before the patient moves onto the alert list. Staff can also review other non-alerting patients that they may have concerns about for other indicators of potential problems such as a drop in blood flow rate.

Each patient's report has five graphs, showing 6 months of data for VAPR and AAPR calculations, average session blood flow rate, average session venous pressure and average session negative arterial pressure. A moving average is displayed on top of the actual values, to make trending easier to see. Alerts on the top two graphs are indicated with red vertical lines. The table on the right side of the report shows the numeric values for the most recent 30 treatments.

#### **Access Report**

Access Territory					
search of approximation of					
10 <sup>-0</sup>	÷		- 4		*
10.0315					- 2
120	1			1	
Non-Searchery State					
404 (49)			-	-	_
ALL DESCRIPTION OF TAXABLE PARTY.		- 22.5			- 5
		- 20.0	- 3	10000	
second contract to increase				and the second second	

The second becaused	-	Trans. And	10.000
When when a state	1000	100	
AND ADDRESS PRODUCTS	-	1.100.000	
		10000	-
	100.00	August and	1000
		100	
Manufactory and an Anna Anna	-	Transformer 1	
To show the first of strength of		Contraction of the local division of the loc	
comment, and then in the second state	20111	100	
			_
		August and	-
	-	-	
		100	
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		lands in the second	

This weekly report lists the accesses for every patient that we have received data on within the defined one month time frame located at the top of the report. This data reflects what was sent to us from your EMR. The report allows you to review each patient to find those with incomplete or missing access data so that you can update the information in your EMR. This ensures that Vasc Alert is receiving the most up-to-date information about patient accesses, and it can assist you in improving the accuracy of your medical records.

# \_Uploading Files

8 Note

Some dialysis facilities get their treatment run data files to Vasc-Alert by uploading files manually on a regular basis (usually weekly.) While most centers choose to do this on Mondays, any day of the week is fine, although we prefer that you are consistent from one week to the next whenever possible.

You can upload files to Vasc-Alert from two areas: the Home page, and the Files page. The process is the same.

If you work with more than one facility, you will have to select one before you can upload files.

The Upload Files area on the Home Page is shown below. The area on the Files page is similar.

Upload Files ARA DeSoto	
You can use this upload form to send data fil other setup or configuration change informat	es or any ion.
Choose File No file chosen	Upload

Click on the "Choose File" button in the Upload Files area, then locate and select your file. Click "upload file" to finish the process.

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