

# VASC-ALERT

## data flow

1



Patients undergo regular dialysis treatments

2

Local treatment database

Local center database records dialysis treatment data (flow and pressure).

SECURE CHANNEL

DIALYSIS CENTER

VASC-ALERT

ALERT

3

Treatment data is sent to the Vasc-Alert servers nightly for processing through a secure channel.

4

Treatment is processed by the Vasc-Alert software, and the Venous Access Pressure Ratio (VAPR) calculations are stored by Patient ID and treatment date.

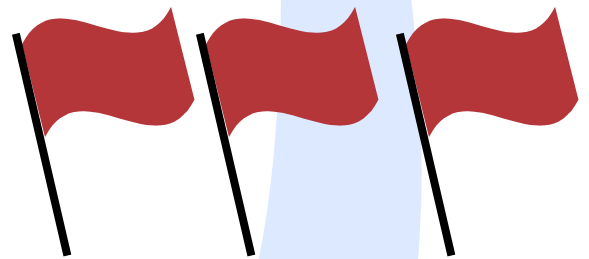
Vasc-Alert results database

5

Patient Alert

Vasc-Alert checks to see which patients have high results

6



If a patient has high VAPR scores for three consecutive treatments, an alert is sent electronically to the medical staff at the patient's dialysis center.

7

The medical staff receives the alert and takes steps to examine the patient more closely for evidence of stenosis.

