

Vascular Access CROWNWeb Definitions and Network Interpretations

Please consult with your facility's Vascular Access Coordinator prior to entering data into CROWNWeb.

VA Item	CROWNWeb Definition	Interpretation
Date of Reported Dialysis Session	Indicates the date of the dialysis session being referenced by the user when supplying the patient's vascular access details	Should be the last treatment date of the reporting month
Current Access Type (If Primary Type of Treatment is Hemodialysis or changes to Hemodialysis)	Indicates the type of access that was used for dialysis on the dialysis session date reported	<p>Select the actual access in use at the time of reporting.</p> <ul style="list-style-type: none"> • AV Fistula Only (with two [2] Needles) Select this vascular access choice if the last treatment for that patient during the reporting month was provided with both (2) needles in an AV Fistula. • AV Fistula Combined with an AV Graft Select this vascular access choice if the last treatment for that patient during the reporting month was provided with one (1) needle in an AV Fistula and one (1) needle in an AV Graft. • AV Fistula Combined with a Catheter Select this vascular access choice if the last treatment for that patient during the reporting month was provided with one (1) needle in an AV Fistula and one (1) lumen of the catheter. • AV Graft Only (with Two [2] Needles) Select this vascular access choice if the last treatment for that patient during the reporting month was provided with both (2) needles in an AV Graft. • AV Graft Combined with a Catheter Select this vascular access choice if the last treatment for that patient during the reporting month was provided with one (1) needle in an AV Graft and one (1) lumen of the catheter. • Catheter Only Select this vascular access choice if the last treatment for that patient during the reporting month was provided using only a Catheter. (Note: An additional field will ask if there is an AV fistula maturing and an AV graft maturing.) • Port Access Only Select this vascular access choice if the last treatment for that patient during the reporting month was provided using only a Port Access. (Note: An additional field will ask if there is an AV fistula maturing and an AV graft maturing.) • Other/Unknown Select this choice if the last treatment for that patient during the reporting month was provided using a vascular access other than those listed above, or if the method was unknown.
AV Fistula Usable Date: AV Fistula Combined with an AV Graft	Indicates the date AVF is usable	The date the AVF was first used
AV Fistula Usable Date: AV Fistula	Indicates the date AVF is usable	Refers to the date the Fistula was first used Date can be prior to both the date the patient was first admitted to the

Combined with a Catheter		current facility and Date Regular Chronic Dialysis Began.
AV Fistula Maturing	Indicates if the access type was not a fistula (AVF), whether or not a maturing AVF was present prior to ESRD therapy	Select if the maturing AVF was present prior to ESRD therapy
AV Fistula State	Indicates the present state, as captured in this reporting period, of the patient's AV Fistula, if present	Status of patient's fistula
AV Fistula Creation Date	Indicates the date of AVF creation	Required if AVF Maturing = Yes Enter the AVF Creation Date
AV Graft State	Indicates the present state, as captured in this reporting period, of the patient's AV graft, if present	Status of patient's AV Graft
AV Graft Maturing	Indicates if the access type was not a fistula (AVF) or graft, whether or not a maturing Graft was present	Select if maturing graft was present
Physical Examination of access performed for AVF/AVG	Indicates if physical examination of the access performed prior, during, and after cannulation (abnormalities such as persistent swelling, prolonged bleeding after needle withdrawal, or altered characteristics of pulse or thrill in the outflow vein)	
Frequency of access physical examination	Indicates how often an access physical examination was performed	Required when "Yes" is selected in the Physical Examination of access performed for AVF/AVG field Select how often an access physical examination was performed <ul style="list-style-type: none"> • At each treatment • Weekly • Monthly • Other
Arterial Pre-Pump pressure performed for AVF/AVG	Indicates if routine measurement of arterial pre-pump pressure was performed	Select if routine measurement of arterial pre-pump pressure was performed
Frequency of arterial pre-pump pressure measurement	Indicates how often arterial pre-pump pressure is measured	Required when "Yes" is selected in the Arterial Pre-Pump pressure performed for AVF/AVG field Select how often arterial pre-pump pressure was measured <ul style="list-style-type: none"> • At each treatment • Weekly • Monthly • Other
Surveillance of	Indicates if routine	Select if routine surveillance of AV graft for access dysfunction was

AVG for access dysfunction performed	surveillance of AV graft for access dysfunction was performed	performed on the patient
Surveillance of AVG by static venous pressure performed	Indicates if surveillance of AV graft performed using static venous pressure was performed	<p>Required if “Yes” is selected in the Surveillance of AVG for access dysfunction performed field</p> <p>Select if surveillance of AV graft was performed using static venous pressure</p>
Frequency of Doppler ultrasound	Indicates how often duplex Doppler ultrasound was performed	<p>Required if “Yes” is selected in Surveillance of AVG with Doppler ultrasound performed field</p> <p>Select how often duplex Doppler ultrasound was performed.</p> <p>“Use the standard ultrasound methods to produce a picture of a blood vessel. A computer converts the Doppler sounds into colors that are overlaid on the image of the blood vessel and that represent the speed and direction of blood flow through the vessel. It is useful to estimate the diameter of a blood vessel as well as the amount of obstruction, if any, in the blood vessel (Vascular Web). This is an outpatient radiological procedure.”</p>
Surveillance of AVG with intra-access flow performed	Indicates if surveillance of AV graft was performed by intra-access flow	<p>Required if “Yes” is selected in the Surveillance of AVG for access dysfunction performed field</p> <p>Select if surveillance of AVG with intra-access flow was performed:</p> <ul style="list-style-type: none"> • Duplex Doppler Ultrasound (Quantitative color velocity imaging): [DDU] • Magnetic Resonance Angiography: [MRA] • Variable Flow Doppler Ultrasound (Specs USA): [VFDU] • Ultrasound Dilution (Transonics): [UDT] • Crit-Line III (optodilution by ultrafiltration; HemaMatics): [OABF] • CritLine III direct transcutaneous (HemaMatics): [TQA] • Glucose pump infusion technique: [GPT] • Urea dilution: [UreaD] • Differential Conductivity (GAMBRO): [HDM] • In Line Dialysance (Fresenius): [DD]
Frequency of intra-access flow measurement	Indicates how often intra-access flow was measured	<p>Required if “Yes” is selected in Surveillance of AVG with intra-access flow performed field</p> <p>Select how often Intra-access flow was measured</p>

Vascular Access Infections Fields	CROWNWeb Definition	Interpretation
Newly Suspected Infection	Indicates if the patient is suspected of having a new infection	
Date of Newly Suspected Infection	Indicates the date a new vascular access infection was suspected	
Date Access Infection Confirmed	Indicates the date an infection was clinically established	
Source of Vascular Infection Possibly Required if Date Access Infection Confirmed is entered	Indicates the source of the vascular infection	
Method of Identifying Vascular Access Related Infection	Indicates how the vascular access infection was identified	
Other Source of Vascular Infection	Indicates the 'Other' source of vascular infection (not included in the Source of Vascular Infection selection list)	