"Ready, Set, Go" The Steps to Catheter Freedom Weeks 1-2: Fistula Maturity Check

Access Placed











Catheter Freedom

Weeks 1-2

Week 3

Week 4

Weeks 5-6

Weeks 7-10

Week 10

- Perform fistula maturity check at each treatment or when patient reports a change.
 - Reinforce to patient the importance of daily fistula checks.
 - Listen to the patient.

Look



Listen



Feel



Were there any abnormal findings during the fistula maturity check?

Document that there were no abnormal findings.

No

Yes

Document findings and refer to expert clinician.

"Ready, Set, Go" The Steps to Catheter Freedom Weeks 1-2: Fistula Maturity Check





The dressing is clean and dry.

The skin around the dressing looks like it did before surgery. The hand looks the same as it did before surgery.

When the dressing is no longer needed, the surgery site is clean and dry.

Once it has healed, the skin over the fistula is all one color and looks like the skin around it.

Look -



The dressing is wet or soiled. There is drainage on the dressing.

The arm is bruised and/or the hand is not the normal color.

There is redness, swelling, or drainage.

There is redness, swelling, or drainage.

Listen -



Bruit: Listen with a stethoscope over the anastomosis. This is where the artery is joined to the vein.

The bruit is audible.

There is no sound or the bruit is not as loud as the last time it was checked.

You can feel the fistula.



You cannot feel the fistula.

The hand of the affected arm is cold to the touch.

"Ready, Set, Go" The Steps to Catheter Freedom Weeks 1-2: Fistula Maturity Check









Thrill: A vibration or buzz that can be felt most prominently over the anastomosis; it will diminish along the length of the fistula.

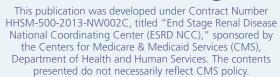
The thrill becomes stronger as the fistula matures.

Pulse is a slight beating that feels like a heartbeat. Fingers placed lightly on the fistula should move slightly. You cannot feel the thrill or it is weaker than the last time it was checked.

Pulsatile: The beat is stronger than a normal pulse. Fingers placed lightly on the fistula rise and fall with each beat.



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"Ready, Set, Go" The Steps to Catheter Freedom Week 3: Fistula Maturity Check

Access O O



Catheter Freedom

Weeks 1-2

Week 3

Week 4

Weeks 5-6

Weeks 7-10

Week 10

- Perform fistula maturity check at each treatment or when patient reports a change.
 - Reinforce to patient the importance of daily fistula checks.
 - Listen to the patient.

Look

Listen



Feel



Arm Elevation test (AVF Only)



Were there any abnormal findings during the fistula maturity check?

Document that there were no abnormal findings.

No

Yes

Document findings and refer to expert clinician.

"Ready, Set, Go" The Steps to Catheter Freedom Week 3: Fistula Maturity Check





The hand looks the same as it did before surgery.

The surgery site is clean and dry. The skin over the fistula is all one color and looks like the skin around it.



The arm is bruised and/or the hand is not the normal color.

There is redness, swelling or drainage.

Listen



Bruit: Listen with a stethoscope over the anastomosis. This is where the artery is joined to the vein.

The bruit is audible.

The bruit sounds like a "whoosh" or for some, like a drumbeat.

You can feel the fistula.

The cannulation segment is long enough to use two needles placed two inches apart.

bruit.



You cannot feel the fistula, and/or the affected hand is cold to the touch.

Sound is different from that of a normal

as the last time it was checked.

There is no sound, or the bruit is not as loud

Thrill: A vibration or buzz that can be felt most prominently over the anastomosis; it will diminish along the length of the fistula.

The thrill becomes stronger as the fistula matures.

Pulse: A slight beating that feels like a heartbeat. When you place your fingers lightly on the fistula, they move slightly. Thrill: You cannot feel the thrill, or it is weaker than the last time it was checked.

Pulsatile: The beat is stronger than a normal pulse. Fingers placed lightly on the fistula rise and fall with each beat.

"Ready, Set, Go" The Steps to Catheter Freedom Week 3: Fistula Maturity Check





Lower Arm Fistula

The fistula outflow vein collapses when the arm is raised above the level of the heart.

Upper Arm Fistula

The fistula outflow vein partially collapses when the arm is raised above the level of the heart. It may feel "flabby" when palpated.

Arm Elevation



Lower Arm Fistula

The fistula outflow vein does not collapse after the arm is raised above the level of the heart. This may mean there is a problem allowing the blood to flow from the fistula.

Upper Arm Fistula

The fistula outflow vein does not partially collapse or become "flabby" after being raised above the level of the heart. This may mean there is a problem allowing the blood to flow from the fistula.







"Ready, Set, Go" The Steps to Catheter Freedom Week 4: Fistula Maturity Check

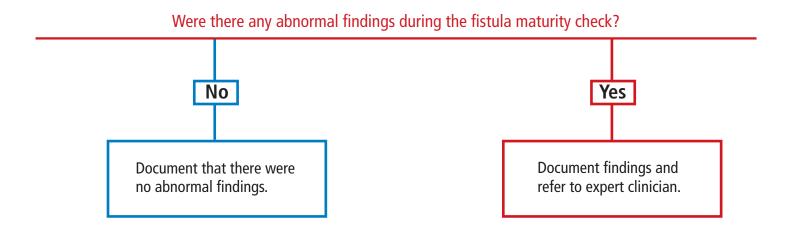
Access Catheter Freedom
Weeks 1-2 Week 3 Week 4 Weeks 5-6 Weeks 7-10 Week 10

- Perform fistula maturity check at each treatment or when patient reports a change.
 - Reinforce to patient the importance of daily fistula checks.
 - Listen to the patient.



Perform once.

If normal, no need to repeat.



"Ready, Set, Go" The Steps to Catheter Freedom Week 4: Fistula Maturity Check





The hand looks the same as it did before surgery.

The surgery site is clean and dry. The skin over the fistula is all one color and looks like the skin around it.



The arm is bruised and/or the hand is not the normal color.

There is redness, swelling, or drainage.





Bruit: Listen with a stethoscope over the anastomosis. This is where the artery is joined to the vein.

The bruit is audible.

You hear the bruit along the cannulation segment.

The bruit sounds like a "whoosh" or, for some, like the beat of a drum.

You can feel the fistula and identify the cannulation segment.

The cannulation segment is long enough to use two needles placed two inches apart.





There is no sound, or the bruit is not as loud as the last time it was checked.

Sound is different from what a normal bruit should sound like.

You cannot feel the fistula. You cannot feel the cannulation segment.

Thrill: A vibration or buzz that can be felt most prominently over the anastomosis; it will diminish along the length of the fistula.

The thrill becomes stronger as the fistula matures.

Pulse: A slight beating that feels like a heartbeat. Fingers placed lightly on the fistula move slightly.

Thrill: You cannot feel the thrill, or it is weaker than the last time it was checked.

Pulsatile: A Pulsatile beat is one that is stronger than a normal pulse. Fingers placed lightly on the fistula rise and fall. with each beat.

"Ready, Set, Go" The Steps to Catheter Freedom Week 4: Fistula Maturity Check





Lower Arm Fistula

The fistula outflow vein collapses when the arm is raised above the level of the heart.

Upper Arm Fistula

The fistula outflow vein partially collapses when the arm is raised above the level of the heart. It may feel "flabby" when palpated.

Arm Elevation



Lower Arm Fistula

The fistula outflow vein does not collapse after the arm is raised above the level of the heart. This may mean there is a problem allowing the blood to flow from the fistula.

Upper Arm Fistula

The fistula outflow vein does not collapse partially or become "flabby" after being raised above the level of the heart. This may mean there is a problem allowing the blood to flow from the fistula.

Augmentation Test

Occlude Access

Place your fingers on the out-going vein, feel the pulse, and press down until no blood is flowing through the access.

Palpate Pulse

Keep your finger on the vein and feel for the pulse near the arterial connection of the fistula.

Pulse is "strong and bounding" and may cause your finger to rise and fall with each beat.

Pulse does not become more forceful or "strong and bounding."



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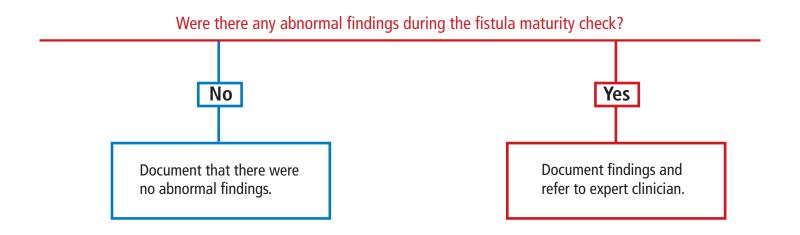


"Ready, Set, Go" The Steps to Catheter Freedom Weeks 5-6: Fistula Maturity Check

Access Catheter Placed Weeks 1-2 Week 3 Week 4 Weeks 5-6 Weeks 7-10 Week 10

- Perform fistula maturity check at each treatment or when patient reports a change.
 - Reinforce to patient the importance of daily fistula checks.
 - Listen to the patient.





"Ready, Set, Go" The Steps to Catheter Freedom Weeks 5-6: Fistula Maturity Check





The hand looks the same as it did before surgery

The skin over the fistula is uniform in appearance and looks like the skin around it.



The arm is bruised and/or the hand is not the normal color.

There is redness, swelling, or drainage.

Listen



Bruit: Listen with a stethoscope over the anastomosis. This is where the artery is joined to the vein.

The bruit is audible, and can be heard along the cannulation segment.

The bruit sounds like a "whoosh," or for some, like a drum beat.

There is no sound, or the bruit is not as loud as the last time it was checked.

Sound is different from what a normal bruit should sound like.

Feel



The cannulation segment is long enough to use two needles placed two inches apart.



You cannot feel the fistula.

You cannot feel the cannulation segment.

"Ready, Set, Go" The Steps to Catheter Freedom Weeks 5-6: Fistula Maturity Check









Thrill: A vibration or buzz that can be felt most prominently over the anastomosis; it will diminish along the length of the fistula.

The thrill becomes stronger as the fistula matures.

Pulse: A slight beating that feels like a heartbeat. Fingers placed lightly on the fistula move slightly.

You cannot feel the thrill or it is weaker than the last time it was checked.

Pulsatile: The beat is stronger than a normal pulse. Fingers placed lightly on the fistula will rise and fall with each beat.

Arm Elevation

Lower Arm Fistula

The fistula outflow vein collapses when the arm is raised above the level of the heart.

Upper Arm Fistula

The fistula outflow vein will collapse partially when the arm is raised above the level of the heart. It may feel "flabby" when palpated.



Lower Arm Fistula

The fistula outflow vein does not collapse after the arm is raised above the level of the heart. This may mean there is a problem allowing the blood to flow from the fistula.

Upper Arm Fistula

The fistula outflow vein does not collapse partially or become "flabby" after being raised above the level of the heart. This may mean there is a problem allowing the blood to flow from the fistula.



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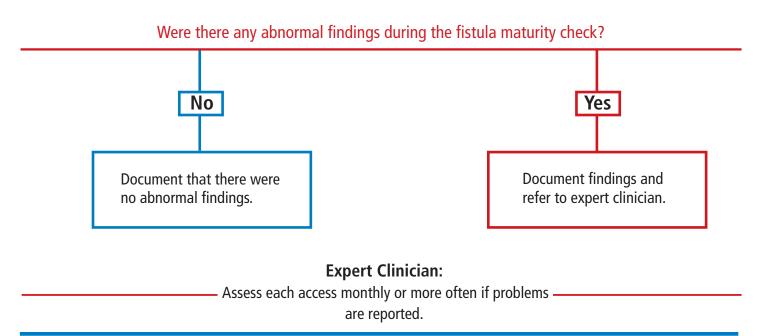


"Ready, Set, Go" The Steps to Catheter Freedom Weeks 7-10: Fistula Maturity Check



- Perform fistula maturity check at each treatment or when patient reports a change.
 - Reinforce to patient the importance of daily fistula checks.
 - Listen to the patient.





"Ready, Set, Go" The Steps to Catheter Freedom Weeks 7-10: Fistula Maturity Check





The hand looks the same as it did before surgery.

The skin over the fistula is uniform in appearance and looks like the skin around it.



The arm is bruised and/or the hand is not the normal color.

There is redness, swelling or drainage.

Listen



Bruit: Listen with a stethoscope over the anastomosis. This is where the artery is joined to the vein.

The bruit is audible.

You hear the bruit along the cannulation segment.

The bruit sounds like a "whoosh," or for some, like a drum beat.

There is no sound, or the bruit is not as loud as the last time it was checked.

Sound is different from what a normal bruit should sound like.

Feel



Thrill: A vibration or buzz that can be felt most prominently over the anastomosis; it will diminish along the length of the fistula.

The thrill becomes stronger as the fistula matures.

Pulse: A slight beating that feels like a heartbeat. Fingers placed lightly on the fistula move slightly. You cannot feel the thrill or it is weaker than the last time it was checked.

Pulsatile: The beat is stronger than a normal pulse. Fingers placed lightly on the fistula rise and fall with each beat.

"Ready, Set, Go" The Steps to Catheter Freedom Weeks 7-10: Fistula Maturity Check





Lower Arm Fistula

The fistula outflow vein collapses when the arm is raised above the level of the heart.

Upper Arm Fistula

The fistula outflow vein partially collapses when the arm is raised above the level of the heart. It may feel "flabby" when palpated.

Arm Elevation



Lower Arm Fistula

The fistula outflow vein does not collapse after the arm is raised above the level of the heart. This may mean there is a problem allowing the blood to flow from the fistula.

Upper Arm Fistula

The fistula outflow vein does not collapse partially or become "flabby" after being raised above the level of the heart. This may mean there is a problem allowing the blood to flow from the fistula.



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"Ready, Set, Go" The Steps to Catheter Freedom Weeks 1-2: New Fistula Daily Check











Catheter Freedom

Weeks 1-2

Week 3

Weeks 4-5

Week 6

Week 10

Check your fistula every day.

If you do not know how, ask your Dialysis Care Team to teach you how to monitor your fistula.

Look



Feel



Did you notice anything different when you checked your fistula today?

No change.

Yes, a change.

Great! Keep checking each day. At your next treatment, tell your Dialysis Care Team that there was no change.

Call the contact given to you by your Dialysis Care Team. Share what you found. They will tell you what to do next.

"Ready, Set, Go" The Steps to Catheter Freedom Weeks 1-2: New Fistula Daily Check





The dressing is clean and dry.

The skin around the dressing looks like it did before you had surgery. The hand looks the same as it did before surgery.

When the dressing is no longer needed, the surgery site is clean and dry.

Once it has healed, the skin over the fistula is all one color and looks like the skin around it.





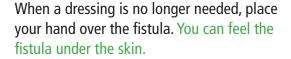
The dressing is wet or soiled. There is drainage on the dressing.

The arm is bruised and/or the hand is not the normal color.

There is redness, swelling, or drainage.

There is redness, swelling, or drainage.

Fee





You cannot feel the fistula. The hand of the affected arm feels numb and/or cold to the touch.

Ask a member of your Dialysis Care Team to complete the form below.

Did any of the results of your daily fistula check fall under the "STOP" column?

If so, call the contact listed below and share your

results to find out what to do next.

Contact:	
During regular facility hours:	
After hours:	



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"Ready, Set, Go" The Steps to Catheter Freedom Week 3: New Fistula Daily Check











Catheter Freedom

Weeks 1-2

Week 3

Weeks 4-5

Week 6

Week 10

Check your fistula every day.

If you do not know how, ask your Dialysis Care Team to teach you how to monitor your fistula.

Look



Feel







Did you notice anything different when you checked your fistula today?

No change.

Yes, a change.

Great! Keep checking each day. At your next treatment, tell your Dialysis Care Team that there was no change.

Call the contact given to you by your Dialysis Care Team. Share what you found. They will tell you what to do next.

"Ready, Set, Go" The Steps to Catheter Freedom Week 3: New Fistula Daily Check





The surgery site is clean and dry.

The skin over the fistula is all one color and looks like the skin around it.

The hand looks the same as it did before surgery.



Look

There is redness, swelling or drainage.

The arm is bruised and/or the hand is not the normal color.

Listen



You hear no sound or decreased sound.

When you place your fistula next to your ear, you hear the sound of the blood going through it.

As the fistula grows larger, the sound becomes louder.

Feel



You cannot feel the fistula. The hand of the affected arm feels numb or cold to the touch.

You feel the fistula under the skin. At first, the fistula seems small, but it should grow over time.

"Ready, Set, Go" The Steps to Catheter Freedom Week 3: New Fistula Daily Check





Feel



Thrill: A vibration or buzz that can be felt best over the scar. This is where the artery and vein are joined together. The thrill becomes stronger over time as the fistula grows.

You feel the thrill along the rest of the fistula, but it dosnt feel as strong as it does over the scar.

Pulse is a slight beating that feels like a heartbeat. When you place your fingers lightly on the fistula, they move slightly.

You cannot feel the thrill or it is weaker over the scar than it was the last time you checked it.

The beat is stronger than a normal pulse. Fingers placed lightly on the fistula rise and fall with each beat.

Ask a member of your Dialysis Care Team to complete the form below.

Did any of the results of your daily fistula check fall under the "STOP" column?

If so, call the contact listed below and share your

results to find out what to do next.

Contact:		
During regular facility hours:		
After hours:		



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"Ready, Set, Go" The Steps to Catheter Freedom Weeks 4-5: New Fistula Daily Check











Catheter Freedom

Weeks 1-2

Week 3

Weeks 4-5

Week 6

Week 10

Check your fistula every day.

If you do not know how, ask your Dialysis Care Team to teach you how to monitor your fistula.

Look



Feel







Did you notice anything different when you checked your fistula today?

No change.

Yes, a change.

Great! Keep checking each day. At your next treatment, tell your Dialysis Care Team that there was no change.

Call the contact given to you by your Dialysis Care Team. Share what you found. They will tell you what to do next.

"Ready, Set, Go" The Steps to Catheter Freedom Weeks 4-5: New Fistula Daily Check





The hand looks the same as it did before surgery.

The skin over the fistula is all one color and looks like the skin around it.



The arm is bruised and/or the hand is not the normal color.

There is redness, swelling or drainage.

Listen

When you place your fistula next to your ear, you hear the sound of the blood going through it.

As the fistula grows larger, the sound becomes louder.



You hear no sound or decreased sound.

You feel the fistula under the skin. At first, the fistula seems small but it should grow over time.



You cannot feel the fistula. The hand of the affected arm feels numb or cold to the touch.

"Ready, Set, Go" The Steps to Catheter Freedom Weeks 4-5: New Fistula Daily Check





Feel



Thrill: A vibration or buzz that can be felt best over the scar. This is where the artery and vein are joined together.

The thrill becomes stronger over time, as the fistula grows.

You feel the thrill along the rest of the fistula, but it doesn't feel as strong as it does over the scar.

Pulse is a slight beating that feels like a heartbeat. When you place your fingers lightly on the fistula, they move slightly. You cannot feel the thrill or it is weaker over the scar than it was the last time you checked it.

The beat is stronger than a normal pulse. Fingers placed lightly on the fistula rise and fall with each beat.

Ask a member of your Dialysis Care Team to complete the form below.

Did any of the results of your daily fistula check fall under the "STOP" column?

If so, call the contact listed below and share your

results to find out what to do next.

Contact:	
During regular facility hours:	
After hours:	



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"Ready, Set, Go" The Steps to Catheter Freedom Weeks 6-10: New Fistula Daily Check











Catheter Freedom

Weeks 1-2

Week 3

Weeks 4-5

Week 6

Week 10

Check your fistula every day.

If you do not know how, ask your Dialysis Care Team to teach you how to monitor your fistula.

Look



Feel







Did you notice anything different when you checked your fistula today?

No change.

Yes, a change.

Great! Keep checking each day. At your next treatment, tell your Dialysis Care Team that there was no change.

Call the contact given to you by your Dialysis Care Team. Share what you found. They will tell you what to do next.

"Ready, Set, Go" The Steps to Catheter Freedom Weeks 6-10: New Fistula Daily Check





The skin over your fistula is all one color and looks like the skin around it.



Look

There is redness, swelling or drainage.

When you place your fistula next to your ear, you hear a sound. The sounds is the same as the last time you checked it.





You hear no sound, or the sound you hear is different than the last time you checked it.

Feel



Thrill: A vibration or buzz that can be felt best over the scar. This is where the artery and vein are joined together.

You can feel the thrill best over the scar. You feel it along the rest of the fistula, but it won't feel as strong.

You cannot feel the thrill or it is weaker over the area where the artery is joined to the vein. It is not as strong as it was the last time you checked it.

"Ready, Set, Go" The Steps to Catheter Freedom Weeks 6-10: New Fistula Daily Check





Pulse is a slight beating like a heartbeat. When you place your fingers lightly on the fistula, they move slightly.



The beat is stronger than a normal pulse. Fingers placed lightly on the fistula rise and fall with each beat.

Ask a member of your Dialysis Care Team to complete the form below.

Did any of the results of your daily fistula check fall under the "STOP" column?

If so, call the contact listed below and share your

results to find out what to do next.

Contact:	
During regular facility hours:	
After hours:	



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