

Ultrasound Summary: HFM Protocol ultrasound schedule

1st Ultrasound. Each participant has a pre-op ultrasound.

2nd Ultrasound. Each participant has an early post op ultrasound.

Ideally this is done 1 day post op. If this cannot be done one day post op, the second choice would be to do it on the operative day. If this cannot be done 1 day post op or on the operative day, it can be done two days post op.

3rd Ultrasound. Each participant has a 2-week ultrasound.

4th Ultrasound. Each participant has a 6-week ultrasound.

Scenario I A

Patient has his first cannulation between 6 and 10 weeks.

The 6-week ultrasound counts as the pre-cannulation ultrasound.

- 4 ultrasounds total.

Scenario I B

Patient has an intervention prior to 6 weeks.

The very early ultrasound or the 2-week ultrasound counts as the pre-intervention ultrasound.

Patient has his first cannulation between 6 and 10 weeks.

The 6-week ultrasound counts as the pre-cannulation ultrasound.

- 4 ultrasounds total.

Scenario II A

Patient has an intervention prior to 6 weeks.

The very early ultrasound or the 2-week ultrasound counts as the pre-intervention ultrasound.

Then the patient has his first cannulation between 10 and 26 weeks.

A pre-cannulation ultrasound is required.

- 5 ultrasounds total

Scenario II B

Patient has an intervention between 6 and 10 weeks.

The 6-week ultrasound counts as the pre-intervention ultrasound.

Then the patient has his first cannulation between 6 and 10 weeks.

A pre-cannulation ultrasound is required.

- 5 ultrasounds total

Scenario II C

Patient has an intervention between 6 and 10 weeks.

The 6-week ultrasound counts as the pre-intervention ultrasound.

Then the patient has his first cannulation between 10 and 26 weeks.

A pre-cannulation ultrasound is required.

- 5 ultrasounds total

Scenario III

Patient has no intervention.

Patient has his first cannulation between 10 and 26 weeks.

A pre-cannulation ultrasound is required.

- 5 ultrasounds total

Scenario IV

Patient has an intervention between 10 and 26 weeks.

A pre-intervention ultrasound is required.

Then the patient has his first cannulation, still between 10 and 26 weeks.

A pre-cannulation ultrasound is required.

- 6 ultrasounds total

Scenario V A

Patient has an intervention between 10 and 26 weeks.

A pre-intervention ultrasound is required.

At week 26, the 26-week ultrasound is done (?) This serves as the pre-cannulation ultrasound.

Then the patient has his first cannulation after 26 weeks.

A pre-cannulation ultrasound is not required after the 26-week ultrasound.

- 6 ultrasounds total (?)

Scenario V B

Patient has an intervention between 10 and 26 weeks.

A pre-intervention ultrasound is required.

At week 26, the 26-week ultrasound is done (?)

The fistula is not cannulated before the end of the HFM study funding period.

- 6 ultrasounds total (?)

Scenario VI A

Patient has no interventions or cannulations through 26 weeks..

At week 26, the 26-week ultrasound is done

Then the patient has his first cannulation after 26 weeks.

A pre-cannulation ultrasound is not required.

- 5 ultrasounds total

Scenario VI B

Patient has no interventions or cannulations through 26 weeks..

At week 26, the 26-week ultrasound is done

The fistula is not cannulated before the end of the HFM study funding period.

- 5 ultrasounds total

Scenario VII A

Patient has no interventions or cannulations through 26 weeks..

At week 26, the 26-week ultrasound is done

Patient has an intervention after 26 weeks.

The 26-week ultrasound counts as the pre-intervention ultrasound

The fistula is cannulated at some point after the intervention, before the end of the HFM study funding period.

A pre-cannulation ultrasound is required

- 6 ultrasounds total

Scenario VII B

Patient has no interventions or cannulations through 26 weeks..

At week 26, the 26-week ultrasound is done

Patient has an intervention after 26 weeks.

The 26-week ultrasound counts as the pre-intervention ultrasound

The fistula is not cannulated before the end of the HFM study funding period.

- 5 ultrasounds total