

Welcome to the IRadimed Family!

We are pleased to be able to present you with this training package and congratulate you on taking a step forward to insure the best patient outcomes in your MRI department by using the MRidium™ 3860+ MRI IV Infusion System.

Enclosed are your training materials for the MRidium™ 3860+ MRI IV Infusion Pump and accessories. We have provided a Skills Validation Checklist, Quiz and Quiz Answer Key. You are encouraged to use these materials to insure your staff is comfortable and proficient in using the MRidium™ 3860+ MRI IV Infusion System.

If you have any questions or require additional training, please contact me directly at 1-866-677-8022 x 214 or [landerson@iradimed.com](mailto:landerson@iradimed.com)

Lynn Anderson R.N.  
Clinical Applications Manager  
IRadimed Corporation

## MRidium™3860+ MRI IV Infusion System Skills Validation Checklist

Print name: \_\_\_\_\_ Department: \_\_\_\_\_

This task validation sheet and the task exercises have been designed as a practice tool for clinical personnel.

Task Description	Employee's Initials
<b>Task 1:</b> Demonstrates selecting appropriate IV tubing.	
<b>Task 2:</b> Demonstrates proper 'opening' and 'closing' of <b>FLOW PREVENTER</b> .	
<b>Task 3:</b> Demonstrates proper 'opening' and 'closing' of <b>ROLLER CLAMP</b> .	
<b>Task 4:</b> Demonstrates 'Power On' / Battery Usage / Channel #	
<b>Task 5:</b> Demonstrates correct insertion of IV Set 'disk' into 'disk slot'.	
<b>Task 6:</b> Demonstrates correct insertion of 'Black Flow Preventer'.	
<b>Task 7:</b> Verifies that 'silicone tubing' has not been stretched and is aligned correctly along the 'peristaltic fingers'.	
<b>Task 8:</b> <b>Confirms that door has been closed properly.</b>	
<b>Task 9:</b> Programs Primary Infusion and changes Rate/Volume.	
<b>Task 10:</b> Identifies Volume Infused.	
<b>Task 11:</b> Demonstrates Start / Stop.	
<b>Task 12:</b> Programs pump using DERS (if applicable).	
<b>Task 13:</b> Demonstrates Turning 'ON' / 'OFF' remote (if applicable).	
<b>Task 14:</b> Demonstrates Changing Channel # (if applicable).	
<b>Task 15:</b> Recognizes Signal Loss Alarm on Remote (if applicable).	
<b>Task 16:</b> Troubleshoots Patient and Inlet Occlusion Alarms.	
<b>Task 17:</b> Troubleshoots Bubble Detected alarm.	
<b>Task 18:</b> Acknowledges Differences between 'Close Door' 'Check Door' Alarms.	
<b>Task 19:</b> Demonstrates 'Power OFF'.	
<b>Task 20:</b> Conveyed proper cleaning techniques and allowable cleaning agents.	

**MY SIGNATURE VERIFIES THAT I HAVE COMPLETED AND UNDERSTAND THE TASKS DESCRIBED ABOVE.**

Employee Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Skills Lab Monitor: \_\_\_\_\_

## MRidium™ 3860<sup>+</sup> MRI Infusion System Exam

Name \_\_\_\_\_ Unit \_\_\_\_\_ Date \_\_\_\_\_

**True or False** (Circle correct answer)

1. TRUE FALSE: Weight is always entered in kilograms.
2. TRUE FALSE: The MRidium™ 3860<sup>+</sup> MRI IV Pump can be safely operated anywhere within the MR room.
3. TRUE FALSE: The 1058 MRidium™ IV Extension set may be connected directly to most Smart Pump primary IV tubing sets.
4. TRUE FALSE: It is necessary to 'Pause' the infusion before adjusting the infusion rate.
5. TRUE FALSE: You must always press the 'Alarm Silence' key to silence the audible alarm.
6. TRUE FALSE: The alarm message 'INLET OCCLUSION' indicates the occlusion is located between the fluid/medication and the pump.
7. TRUE FALSE: The alarm message 'PT OCCLUSION' indicates the IV has infiltrated.
8. TRUE FALSE: The alarm message 'Check Door' requires that you open the door and remove the black flow-preventer to confirm it is clamped off properly.
9. TRUE FALSE: To setup 'Channel B' you must press the 'Menu' softkey and select 'Dose Rate Calculator B'.
10. TRUE FALSE: Placing a stopcock between the Syringe and the Syringe tubing is advised.
11. TRUE FALSE: The battery life for the MRidium™ 3860<sup>+</sup> is 12 hours at 125ml/hr.
12. TRUE FALSE: After 'priming' the MRidium™ IV tubing you must completely clamp off the black flow-preventer as well as the white 'slide or roller' clamp.
13. TRUE FALSE: When using the Syringe IV set you must open the 'white cap' before starting your infusion to avoid an 'Inlet Occlusion' alarm.
14. TRUE FALSE: Take care not to 'stretch' the silicone tubing on the MRidium™ IV sets.

## MRidium™ 3860<sup>+</sup> Quiz ANSWER KEY

1.	TRUE	FALSE:	Weight is always entered in kilograms.
2.	TRUE	FALSE:	The MRidium™ 3860 <sup>+</sup> MRI IV Pump can be safely operated anywhere within the MR room.
3.	TRUE	FALSE:	The 1058 MRidium™ IV Extension set may be connected directly to most Smart Pump primary IV tubing sets.
4.	TRUE	FALSE:	It is necessary to 'Pause' the infusion before adjusting the infusion rate.
5.	TRUE	FALSE:	You must always press the 'Alarm Silence' key to silence the audible alarm.
6.	TRUE	FALSE:	The alarm message 'INLET OCCLUSION' indicates the occlusion is located between the fluid/medication and the pump.
7.	TRUE	FALSE:	The alarm message 'PT OCCLUSION' indicates the IV has infiltrated.
8.	TRUE	FALSE:	The alarm message 'Check Door' requires that you open the door and remove the black flow-preventer to confirm it is clamped off properly.
9.	TRUE	FALSE:	To setup 'Channel B' you must press the 'Menu' softkey and select 'Dose Rate Calculator B'.
10.	TRUE	FALSE:	Placing a stopcock between the Syringe and the Syringe tubing is advised.
11.	TRUE	FALSE:	The battery life for the MRidium™ 3860 <sup>+</sup> is 12 hours at 125ml/hr.
12.	TRUE	FALSE:	After 'priming' the MRidium™ IV tubing you must completely clamp off the black flow-preventer as well as the white 'slide or roller' clamp.
13.	TRUE	FALSE:	When using the Syringe IV set you must open the 'white cap' before starting your infusion to avoid an 'Inlet Occlusion' alarm.
14.	TRUE	FALSE:	Take care not to 'stretch' the silicone tubing on the MRidium™ IV sets.