

INSTRUMENTS MATERIALS	PLACEMENT PROCEDURE	KEY POINTS	WARNINGS / PRECAUTIONS
	<b>INTRODUCE HYSTEROSCOPE</b>	<ul style="list-style-type: none"> <li>- Insert while visualizing. Open inflow</li> <li>- Close outflow</li> <li>- Keep in mind offset of lens while navigating through the cervix</li> </ul>	<ul style="list-style-type: none"> <li>- Do not dilate cervix unless necessary</li> <li>- Terminate procedure if excessive force required to dilate</li> <li>- Follow standard fluid absorption monitoring procedure</li> </ul>
	<b>REMOVE SPECULUM</b>		<ul style="list-style-type: none"> <li>- If fluid deficit <b>exceeds 1500cc, procedure should be aborted immediately</b></li> <li>- <b>Minimize fluid loss</b> through cervix or hysteroscope</li> <li>- <b>Total hysteroscopic time should not exceed 20 minutes</b></li> </ul>
	<b>DISTEND UTERUS</b>	<ul style="list-style-type: none"> <li>- Preferably gravity feed</li> <li>- Maintain <b>consistent distension</b> throughout procedure</li> </ul>	
	<b>VISUALIZE BOTH OSTIA</b>	<ul style="list-style-type: none"> <li>- Clearly visualize both ostia before attempting micro-insert placement</li> <li>- <b>Attempt most difficult side first</b></li> </ul>	<ul style="list-style-type: none"> <li>- <b>Do not attempt</b> placement if <b>both ostia not seen</b></li> <li>- Assistant immediately opens introducer and micro-insert after both ostia are visualized</li> <li>- Do not use product that appears non-sterile or damaged</li> <li>- Essure is for single use only, do not resterilize</li> </ul>
- Introducer	<b>INSERT INTRODUCER</b>	<ul style="list-style-type: none"> <li>- Open stop-cock on working channel</li> <li>- <b>Assistant inserts</b> split <b>introducer</b> with opening face up</li> <li>- Physician <b>maintains view</b> of the ostium throughout</li> </ul>	<ul style="list-style-type: none"> <li>- CAUTION: splash-back is possible when removing stylet. Wear eye protection.</li> <li>- Introducer must be used to protect micro-insert tip</li> <li>- Ensure working channel stopcock remains open</li> </ul>
- Essure System	<b>INSERT CATHETER INTO HYSTEROSCOPE</b>	<ul style="list-style-type: none"> <li>- <b>Assistant removes stylet</b> and immediately <b>inserts Essure system</b> through introducer</li> <li>- <b>Remove introducer</b> and <b>reload stylet</b></li> </ul>	
	<b>ADVANCE SYSTEM INTO FIRST TUBE</b>	<ul style="list-style-type: none"> <li>- Advance Essure system with slow steady movement using thumb &amp; forefinger to grasp catheter until the black positioning marker is at the ostium</li> <li>- The black positioning marker can be a maximum of one positioning marker length away from the ostium</li> </ul>	<ul style="list-style-type: none"> <li>- Do not advance black positioning marker past ostium</li> <li>- If <b>no advancement terminate case</b> if tubal occlusion suspected or <b>after 10 minutes</b> of cannulation per tube</li> <li>- Never advance the micro-insert against excessive resistance or if patient is experiencing extreme discomfort or pain</li> </ul>
	<b>STABILIZE HANDLE</b>	<ul style="list-style-type: none"> <li>- Stabilize handle to <b>prevent</b> inadvertent forward movement of micro-insert</li> </ul>	<p><b>While stabilizing:</b></p> <ul style="list-style-type: none"> <li>- <b>Do not grasp catheter</b></li> <li>- <b>Do not bend catheter</b> external to scope</li> </ul>
	<b>RETRACT DELIVERY CATHETER</b>	<ul style="list-style-type: none"> <li>- <b>Rotate thumbwheel toward you</b> one click per second until hard stop</li> <li>- Black positioning marker should move towards operator with each click</li> </ul>	<ul style="list-style-type: none"> <li>- Once thumbwheel rotation begins, <b>do not attempt to reposition</b> the micro-insert <b>until delivery catheter is fully retracted</b></li> <li>- If black positioning marker is not moving toward you with each thumbwheel rotation, <b>check that handle is properly stabilized</b></li> <li>- If possible, gently reposition micro-insert if notch is not in proper position</li> <li>- <b>Only</b> press the <b>button when 1) position is confirmed</b> and 2) tip of <b>orange catheter is visible</b></li> </ul>
	<b>CONFIRM POSITION AND DEPRESS BUTTON</b>	<ul style="list-style-type: none"> <li>- Visually confirm <b>notch</b> is positioned just <b>outside</b> of the <b>ostium</b></li> <li>- <b>Tip of orange</b> release <b>catheter</b> is visible prior to pressing button</li> <li>- <b>Remember, pressing the button only unlocks the thumbwheel so it can rotate again</b></li> </ul>	
	<b>DEPLOY OUTERCOIL</b>	<ul style="list-style-type: none"> <li>- <b>Rotate thumbwheel towards you</b> to retract release catheter and deploy outer coil of micro-insert</li> <li>- Rotate thumbwheel until there is a hard stop</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Handle</b> should still be <b>stabilized</b> during rotation of thumbwheel</li> </ul>
	<b>WAIT 10 SECONDS</b>	<ul style="list-style-type: none"> <li>- Wait a <b>minimum of 10 seconds</b> to allow for micro-insert expansion</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Do not remove</b> delivery <b>wire until outercoil stops</b> rotating</li> </ul>
	<b>DISENGAGE DELIVERY WIRE</b>	<ul style="list-style-type: none"> <li>- <b>Straighten system</b> prior to removal of delivery wire</li> <li>- <b>Rotate handle</b> proximal end <b>counter-clockwise</b> until the <b>delivery wire has visibly</b> disengaged from micro-insert, or until 10 rotations have been completed, whichever comes first.</li> <li>- <b>Gently</b> pull handle backwards while <b>continuing rotation</b> to remove delivery wire</li> </ul>	<ul style="list-style-type: none"> <li>- Withdraw delivery wire gently.</li> <li>- If <b>coil comes back</b> with delivery wire, <b>ensure system is straight</b> then apply <b>more rotations</b></li> <li>- <b>Stabilize handle</b> while rotating handle proximal end</li> </ul>
	<b>COUNT TRAILING COILS</b>	<ul style="list-style-type: none"> <li>- <b>Confirm 3-8</b> expanded micro-insert <b>coils</b></li> <li>- Do not count last half-coil</li> </ul>	<ul style="list-style-type: none"> <li>- Do <b>not</b> attempt <b>micro-insert</b> removal unless there are 18 or more coils confirmed in the uterine cavity</li> <li>- <b>Note</b> number of <b>coils trailing</b></li> <li>- If between 8 and 18 coils, document in procedure notes for HSG at 3 months</li> </ul>
	<b>REPEAT FOR OTHER TUBE</b>		<ul style="list-style-type: none"> <li>- Do not place second micro-insert if first one is not successful</li> <li>- Do not place more than one micro-insert in a single tube</li> </ul>