TROUBLESHOOTING GUIDE

TruClear™ System

TruClear™ Hysteroscopic Tissue Removal System (control unit, footswitch, handpiece) and TruClear™ shavers	
Issue	**Suggestion/Solution**
Mode does not change via oscillate lock button	▪ Check handpiece cable is fully inserted into TruClear™ control unit ▪ Check footswitch cable is connected properly ▪ Make sure oscillate lock button on footswitch is being depressed adequately
Window lock – internal sheath jumps or rotates too fast	▪ Reseat the shaver into the handpiece ▪ Remove handpiece cable from console. Turn off TruClear™ control unit. Unplug from the wall and plug it back in. Turn unit on. Insert handpiece into control unit.
Window lock – unable to see lines on the shaver	▪ If window lock is performed outside of patient, consider: – Moving instrument away from the OR spot lights – Inserting shaver into scope and watching tip of shaver on video monitor to observe internal sheath rotation ▪ Consider performing window lock inside the uterine cavity
No specimen in tissue trap at end of case	▪ Confirm handpiece suction is in the ON position ▪ Make sure white handpiece tubing is connected to tissue trap ▪ Check if tissue chunks visible in the suction tubing during tissue removal ▪ Flush handpiece suction channel to ensure tissue flow ▪ Ensure reprocessing is adequately brushing and cleaning channels

TruClear™ Elite Hysteroscopes	
Issue	**Suggestion/Solution**
Fluid leaking from scope	▪ Ensure white disposable seal (Reference #72205051) is on working channel ▪ Check that the appropriate sheath o-ring is present ▪ Ensure that all stopcock valves are tight
TruClear™ Operative 5C Hysteroscope	
Fluid leaking from scope	▪ Ensure blue rubber seal (Reference #7205561) is on working channel ▪ Check that the appropriate sheath o-ring is present inside the hysteroscope ▪ Ensure that all stopcock valves are tight ▪ Confirm that sheath is secure on scope

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HysteroLux™ Fluid Management System	
Issue	**Suggestion/Solution**
Poor uterine distention	▪ Check inflow tubing for obstructions and/or kinks ▪ Reposition hysteroscope to ensure that it is past the internal cervical os and is not touching the fundus ▪ If SET PRESSURE is equal to INTRAUTERINE PRESSURE (IUP), consider increasing SET PRESSURE on pump ▪ Consider closing or reducing outflow valve
Tandem setup not flowing to next canister	Inspect canister setup: ▪ Ensure suction source on system is securely connected and turned on ▪ Confirm center vacuum port is attached to suction barb of lever suction or regulator suction ▪ Ensure that tandem tubings are connected ONLY to tandem ports ▪ Check that unused ports are closed ▪ Ensure canister lids are secured and tight ▪ Inspect canisters for cracks or holes
Poor visualization	▪ Ensure outflow and inflow valves on scope are fully open ▪ Check that inflow and outflow tubings are not kinked ▪ Outflow to gravity – ensure outflow tubing is placed under patient's leg. If no return from outflow, reposition scope tip past internal os. ▪ Adjust focus on camera head ▪ Disengage camera from scope, clean optics on scope and camera ▪ Increase SET PRESSURE on pump to increase flow rate
No fluid flow after instrument recognition	▪ Ensure pump instrument recognition is complete and then "pump active" displays on screen ▪ Reposition hysteroscope to ensure that it is past the internal cervical os and is not touching the fundus ▪ Ensure fluid clamps are open on inflow tubing ▪ Check that outflow valve is OPEN
Fluid deficit higher than anticipated by OR nursing team	▪ Verify scale was RESET after calibration ▪ Ensure that ALL fluids are returning to scale ▪ Avoid touching fluid bags to determine amount left in bag ▪ Leave empty bags on hooks (one 3-liter bag weight = 80cc fluid) ▪ Ensure canisters are NOT touching the legs of the roller base ▪ Verify that tubings and/or power cords are not resting on top of the canisters
Tandem setup not flowing to next canister	Inspect canister setup: ▪ Ensure suction source on system is securely connected and turned on ▪ Confirm center vacuum port is attached to suction barb of lever suction or regulator suction ▪ Ensure that tandem tubings are connected ONLY to tandem ports ▪ Check that unused ports are closed ▪ Ensure canister's lids are secured and tight ▪ Inspect canisters for cracks or holes

TruClear™ Elite and 5C Hysteroscopes – Set-up utilizing a pressure bag†	
Issue	**Suggestion/Solution**
Rapid outflow	Alter scope outflow by toggling outflow valve to 45 degrees to slow down outflow but still allow for continuous flow
No flow – uterine distention poor	▪ Ensure clamp on inflow tubing is open ▪ Check for adequate pressure being applied from pressure bag/device ▪ Ensure saline bag is not empty ▪ Check inflow valve is in the OPEN position ▪ Check for kinks in tubings ▪ Ensure inflow tubing is connected and secure ▪ Reposition hysteroscope to ensure that it is past the internal cervical OS and is not touching the fundus
Inadequate suction	▪ Check to make sure suction source is turned ON and produces adequate suction ▪ Check canister lid and caps are secure and tight ▪ Check filter is secure on center vacuum port ▪ Inspect canisters for cracks or holes ▪ Review all tubing connections to ensure properly attached and no kinks in tubings
Uterine distention collapses with tissue removal	▪ Confirm suction level matches that of the suction requirement for the tissue shaver you are using as per the IFU ▪ Consider increasing pressure on pressure bag or increase height of pressure bag ▪ Ensure shaver makes contact with tissue prior to and during tissue resection (footswitch engaged)
Poor visualization	▪ Ensure inflow and outflow valves are open ▪ Check tubings are not kinked ▪ Check for adequate pressure being applied from pressure bag/device ▪ Check clamp on inflow tubing is open ▪ Outflow to gravity – ensure outflow tubing is placed in downward position between patient's legs ▪ Reposition hysteroscope to ensure that it is past the internal os and is not touching the fundus ▪ Ensure handpiece suction is ON ▪ Consider increasing pressure on bag to increase flow rate ▪ Check if scope is sticking to sheath during removal of sheath ▪ Check if scope is bent

For full product information, please consult the products' Instructions For Use.

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