Step 1
Fill water seal to 1 cm line
Observation for patient air leaks

Step 2
Graduated water seal column
- Increased suction pressure
- Decreased suction pressure

Step 3
Fill water seal to 2 cm line
Observation for patient air leaks

What to check during system operation

Verifying suction via the suction monitor

- The suction monitor must show the chest catheter pressure
- The reference mark must be at -20 cmH2O or higher.
- The bellows expansion in the suction monitor must coincide with the observed pressure.

Recording drainage volume

- The water column in the suction monitor should change in volume based on patient suction.
- The water level must rise and fall with patient respiration.

Observing water seal for patient air leaks

- With suction, the air leak will be indicated by a continuous or intermittent bubbling.
- No bubbling indicates no air leak present.

Observing graduated water seal column for changes in system pressure

- The water level in the graduated water seal column should change based on system pressure.
- The water column must rise with increased suction pressure.

Graduated air leak monitor

- The graduated air leak monitor should indicate no air leaks when the water column is at zero.
- Increased water column indicates air leaks.

Troubleshooting

When should suction be increased or decreased

- Suction pressure should be increased or decreased to maintain the correct water level in the graduated water seal column.
- Increasing suction pressure increases the water level in the column.
- Decreasing suction pressure decreases the water level in the column.

How to locate a pleural or endobronchial air leak

- The water column will rise with increased suction pressure.
- The water column will fall with decreased suction pressure.
- The water level in the graduated water seal column will be observed to increase or decrease with patient respiration.

Continuously adjustable dry suction control

- The suction control allows for continuous adjustment of suction pressure.
- The suction control can be set to a specific pressure range.

Problems to check for during CUS use

- Various problems can be identified during CUS use, such as suction pressure fluctuations or suction source issues.
- Problems can be addressed by checking the suction control settings and the suction source connections.

System disposal

- Unsuitable disposal methods should be avoided during CUS use.
- Proper disposal methods should be followed to ensure patient safety and environmental protection.

CAUTION: Keep clamp closed at all times when not in use.

Atrium Oasis
Dry Suction Water Seal Chest Drain

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