PERCUTANEOUS RETRIEVAL OF INTRACARDIAC MIGRATED URETERAL DOUBLE-J (DJ) STENT- CASE REPORT

1.Dr. Ihsan Ali Khan, PG Resident Cardiology Lady Reading Hospital Peshawar Pakistan.

2. **Dr. Ijaz Hussain**, Associate Professor Paeds Cardiology Lady Reading Hospital Peshawar Pakistan.

Introduction:

Ureteric double-J (DJ) stent is commonly used in urological procedures. It is often deployed to relieve ureteric obstruction in obstructive uropathy secondary to renal stones or during pregnancy. A rare complication is the migration of DJ stent into cardiovascular system. Misplaced DJ stent is retrieved endoscopically by urologists. This case is unique as upper end of the DJ stent was lying in the pulmonary artery (PA) branch and was retrieved via right femoral vein (RFV) by our team in cath lab for the first time in Pakistan.

Objective:

To retrieve the migrated DJ stent from the pulmonary artery by snaring

Methods:

Right femoral vein was cannulated by Seldinger technique. 10 F delivery sheath advanced over 0.035 guidewire into inferior vena cava under fluoroscopy guidance.Upper curl of the DJ stent was mobilized from pulmonary artery to right ventricle and then right atrium using a 5F pigtail catheter.4F Amplatz Goose Neck Snare 5mm, 120cm was advance in 6F multipurpose catheter to snare DJ stent in right atrium. Snared stent was pulled out along with delivery apparatus via RFV.

Result:

Successful retrieval of the migrated DJ stent from cardiovascular system