

ieQ – Endocarditis Registry – Surgical Fields

Basic Demographics:

Surgery date, the facility of the operation, the primary operating surgeon and the indication for surgery. Two fields are provided for other details under surgeon and indication – free text boxes.

Lesion Locations:

Aortic, Mitral, Tricuspid and Pulmonary:

Type – Allograft (Homograft), Aortic conduit (valve sparing), Autograft – Ross procedure, Bioprosthetic valve, Bioprosthetic valve + aortic conduit, Homograft, Mechanical valve, Mechanical valve + aortic conduit, Native, Null (unknown), Synthetic valved conduit – bioprosthetic, Synthetic valved conduit – mechanical valve, Transcatheter (TAVR), Valve repair, Valve repair + aortic conduit

Duke IE Findings – Abscess, dehiscence of valve annulus, fistula, flail, leaflet destruction (partial or complete), no finding of IE, other, perforation, pseudoaneurysm, valve aneurysm, vegetation

- Comments, Primary jet or lesions, lesion length max (mm), lesion width max (mm)
- *Sub-valvular section (Mitral & Tricuspid only)* – ruptured chord, vegetation, no finding of IE, other

Mimickers – Null, annular root thickening (post surgical), artefact, atheroma, degassing bubbles, degenerative chordal fibrosis, degenerative valve fibrosis, flail leaflet/torn/ruptured chordae, MAC, marantic, pannus, prolapse, redundant chord, strands (Lambl excrescence), thrombus, tumour, other (free text)

Non-Valvular:

Left-Sided Cardiac Lesions:

Duke IE Findings –

- **Site** – Null/unknown, Cannula (ECMO/LVAD), Cor triatriatum, Endovascular (Coarctation, PDA, other), IABP, Mitral aortic intervalvular fibrosa, Mural (LA or LV wall), Surgical conduit or shunt, VSD (with or without repair and with or without residual shunt), Other
- **Duke IE Findings** - Abscess, dehiscence of valve annulus, fistula, flail, leaflet destruction (partial or complete), no finding of IE, other, perforation, pseudoaneurysm, valve aneurysm, vegetation
- **Comments, Primary jet or lesions, lesion length max (mm), lesion width max (mm)**

Mimickers – Artifact, false tendon, thrombus, tumour, other (free text)

Right-Sided Cardiac Lesions:

Duke IE Findings –

- **Site** – Null/unknown, ASD/PFO (with or without repair and with or without residual shunt), Cannula (LVAD, ECMO), Chiari network, Cor triatriatum, Coronary sinus or thebesian valve,

Endoluminal (Caval or PA), Eustachian Valve, Moderator band, PICC line/CVL/PA catheter (with location), RA Wall, RA-IVC junction, RA-SVC junction, RV wall, Surgical conduit, Vascath, VSD (repaired or unrepaired with residual shunt), Other

- **Duke IE Findings** - Abscess, dehiscence of valve annulus, fistula, flail, leaflet destruction (partial or complete), no finding of IE, other, perforation, pseudoaneurysm, valve aneurysm, vegetation
- **Comments, Primary jet or lesions, lesion length max (mm), lesion width max (mm)**

Mimickers – Null, Artifact, Chiari network, Crista terminalis, Eustachian valve, false tendon, Lead/wire/CVL, Thebesian valve, thrombus, tumour, other (free text)

Cardiac Device Lead Vegetation:

Duke IE Findings

Site – Null, CS lead (multiple locations), RA lead (multiple locations), RV lead (multiple locations), Other

Lesion max length and width

Mimickers – Null, artifact, Fibrin strand, focal thickening, thrombus, other