

# Case study

# Background

- Childhood T-Cell – treated with chemotherapy
- Obesity
- Severe dilated cardiomyopathy with EF (varies between 20-25% & 30-35%)
- Referred to Harefield Transplant Team (2019)
- Failed TV-ICD (primary prevention) due to SVC occlusion
- PEA arrest during primary prevention S-ICD implant
- 13yr old daughter

# Two RBH admissions/transfers (16.8.21 – 24.8.21 & 18.9.21 – 11.10.21)

- Admitted to Wexham for a daycase S-ICD implantation procedure which was abandoned. (QRS 135 msec)
- PEA arrest
- She was referred to RBH for a left femoral CRTD - 16/08/21
- Significant pain post procedure
- Not mobilising
- HF medications not optimised
- Transferred back to RBH for CRT-D explant due to ongoing infection
- Clinical endocarditis with <2cm vegetation on lead with system removal 25th Sept (5 weeks post implant). Pus in pocket with pocket sinus, rash in groin
- Treated with Vancomycin, Meropenem, Gentamycin, Daptomycin (latter to finish on 27/10/21 – micro advice) – 6 weeks total.
- Concurrent issues; AKI, emboli, spleen
- large pleural effusion (tapped, exudate, -ve cultures),
- PAF
- CT-PET 5/10/21 – previous pericardial FDG activity resolved, no evidence of pulmonary septic emboli, spleen no longer active

# Supporting information

- SCID implant had been delayed by infections
- & Melanie not attending for pre-assessment
- then delayed by deranged bloods requiring haematology referral
- 13 year old daughter
- Very supportive local HF CNS
- Poor functional capacity
- Worked as a dinner lady
- Failed optimisation of disease modifying drugs
- Poor experience of social services

# Issues

- Pain
- Difficulty mobilising
- Dizziness
- Nausea
- Hypotension
- Infection
- Fatigue
- Concentration
- Engagement
- Prior experience
- Trust
- Social situation
- Isolation
- Confidence
- Conflict
- Communication
- Perception

# MDT working

- HF CNS – link with Wexham
- EP, HF, ward teams
- AHPs
- PALS – advice/support & befriending/visiting
- Welfare Rights Advisor
- Arts Team
- Safeguarding
- Psychology
- Practical support – ear plugs, note book, WiFi, washing
- Patient personal profile
- Utilise supporting services
- Cc team members managers
- Language – advocate, vulnerable
- Ask questions & highlight
- Wellbeing services