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| **Mitral Clip Workup Summary and MDT** | Royal North Shore Hospital Commercial Furniture Project | Commercial Sofa  Bed | |
| **Referral Date: 17/7/25** | | **Structural Physician: Hansen** |
| Name: Bridget Washington | | Referrer: Dr Anastasius / Dr Peter Vale |
| DOB: 08/11/34 | | Contact Details: |
| MRN: 2277255 | | Email: |
| Age: 90 | | Special Comments: |
| **Past Medical History** | | **Medications** |
| * Severe MR/ TR   - known to Dr Hansen; admitted under Dr Anastasius   * CCF * HTN * Hypercholesterolaemia * AF | | * Apixaban 2.5mg BD * Bisoprolol 2.5mg nocte * Magnedisum * Panadol * Simvastatin * Colecalciferol * Fruisimide 40mg IV \*now daily\* * Sprinalactone 12.5mg daily * Dapaglifozin \*ceased by to BP\* |
| **Social** | | **Functional Status** |
| * Previously lives alone in retirement village * Has supportive family and private cleaners * Prev independent pADL with nil mobility aid * Since discharge from hospital living with daughter and family * Non-smoker | | * Admission 13/7 with APO, CAP and pulmonary effusion on background of HfpEF + severe MR/TR - worsening breathlessness and reduced exercise tolerance - Chest drain inserted, removed 17/7 - discharged 24/7 * Represented 3/8 with respiratory distress - responded well to IV diureises  - not for repeat pleural intervention as per respiratory |
| **TOE: 22/7/25 Dr Anastasius** | | |
| |  |  |  | | --- | --- | --- | | LV EF: 60% | MR Grade: Severe | Mechanism: Flai leaflet | | Comments: Severe mitral valve regurgitation (EROA 0.55cm2, regurgitant volume 61mL), due to anterior leaflet flail (A3 segment), P2 segment prolapse and flail at the lateral aspect of P2; moderate posterior mitral annular calcification; mean transmitral gradient 1mmHg; 3D derived MVA 4.4cm2; challenging for TEER/MitraClip given medial origin of MR, and calcium shelf extending under P3; can consider X1 NTW medially and x1 NT at the lateral aspect of A2/P2  Severe secondary tricuspid valve regurgitation (EROA 0.36cm2); type IIIb tricuspid valve; maximal anteroseptal gap 4mm; GLIDE score 2. | | | | | |
| **Angio/RHC:** | | **ECG / Device report** |
| RHC: RA mean 10, v wave 15 PAP 55/16 - 30 PAWP 24 TPG, CO 3.1 PVR 1.9 Mild coronary artery disease. Non-obstructive | | AF |
| **Bloods** | | **MOCA:** |
| Cre 92, EGFR 47, Hb 119 | | 26/30 |
| **Cardiothoracic** | | **Aged Care: Dr Carl Ward** |
| Nil given age | | Mrs Bridget Washington is a 90 year old lady that has presented with symptomatic severe MR and TR.  She is independent in her activities of daily living and has a supportive family.  She has had a reassuring assessment by the occupational therapist in the context of her functional and cognitive statu.  There is not a contraindication to proceed with a Triclip from an Aged Care Perspective. |
| **Feasibility Meeting** | | |
| **Date: 5/8/25** | | |
| **Attendees**: Dr Peter Hansen, Dr Chris Choong, Ingrid Bromhead, Alice Auton | | |
| * TOE reviewed * MVA 4.4. LV Cavity small. * Pathology at P2, A3 flail * 2 options:   1) 1x medial clip at p1-p2  2) 2 clips, 2x pascal or 2x NTW   * Clipping at 1x NTW at medial 1st should achieve reduced gradient. | | |
| TEER  TMVR  Procedure Rating:    Clipping Strategy  En Face View of the Mitral Valve: Definition and Acquisition | Semantic  Scholar   |  |  |  | | --- | --- | --- | | **Clip Number** | **Clip Type** | **Leaflet attachment location** | | **1st** | NTW x1 | Medial | | **2nd** |  |  |   **Feasibility Comments:** | | |
| **Outcome:** | | |