have implications on the development of assessment and management pathways for this under-recognised patient cohort.

**16** SINGLE-CELL RNA SEQUENCING REVEALS CARDIAC CELL-SPECIFIC TRANSCRIPTOMIC CHANGES IN DILATED CARDIOMYOPATHY

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**17** THE NATURAL HISTORY AND STAGING OF PRE-CLINICAL HEART FAILURE

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NOT AVAILABLE FOR PUBLICATION

**18** MANAGEMENT AND OUTCOMES OF PATIENTS WITH LEFT ATRIAL APPENDAGE THROMBUS PRIOR TO PERCUTANEOUS CLOSURE. LAPTOP REGISTRY

A McNerney, L Maroquin, G Tirado-Conte, P Salinas-Sangunio, L Nombela-Franco. Hospital Clínico San Carlos, Spain

NOT AVAILABLE FOR PUBLICATION

**19** 4 YEAR RESULTS OF THE CARDIOLOGY TRAINEE FEEDBACK PROJECT

N Fitzpatrick, BF McAdam, J Crowley, B McNeill, R Murphy, B Dalton. Irish Board for Training in Cardiovascular Medicine, Dublin, Ireland

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