Supplemental Table 1: Literature reports describing “on-label” Melody® Transcatheter Pulmonary Valve Implantation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Author** | **Publication** | **Report type** | **N** | **Median FU (months)** | **Summary** |
| Armstrong (2014) | *One-year follow-up of the Melody transcatheter pulmonary valve multicenter post-approval study.* JACC Cardiovasc Interv, 2014. 7(11): p. 1254-62 | CT | 100 | 12 | Results at one year follow up from the U.S. Post-Approval Study |
| Bishnoi (2015) | *NuMED Covered Cheatham-Platinum Stent for the treatment or prevention of right ventricular outflow tract conduit disruption during transcatheter pulmonary valve replacement.* Catheter Cardiovasc Interv, 2015. 85(3): p. 421-7 | CT | 251 | - | Analysis of cases of stent fracture treated with NuMed covered Cheatham Platinum Stents from the U.S. Post-Approval Study and the U.S. Investigational Device Exemption Trial |
| Cheatham (2015) | *Clinical and Hemodynamic Outcomes up to 7 Years After Transcatheter Pulmonary Valve Replacement in the US Melody Valve Investigational Device Exemption Trial.* Circulation, 2015. 131(22): p. 1960-70. | CT | 144 | 42 | Long term follow-up from the U.S. Investigational Device Exemption Trial |
| McElhinney (2013) | *Infective endocarditis after transcatheter pulmonary valve replacement using the Melody valve: combined results of 3 prospective North American and European studies.* Circ Cardiovasc Interv, 2013. 6(3): p. 292-300. | CT | 311 | 30 | Analysis of cases of infective endocarditis from the U.S. Post-Approval Study, the U.S. Investigational Device Exemption Trial and the Melody TPV Post-Market Surveillance Study in Europe and Canada |
| McElhinney (2011) | *Stent fracture, valve dysfunction, and right ventricular outflow tract reintervention after transcatheter pulmonary valve implantation: patient-related and procedural risk factors in the US Melody Valve Trial.* Circ Cardiovasc Interv, 2011. 4(6): p. 602-14. | CT | 150 | 30 | Analysis of stent fracture from the U.S. Investigational Device Exemption Trial |
| McElhinney (2010) | *Short- and medium-term outcomes after transcatheter pulmonary valve placement in the expanded multicenter US melody valve trial.* Circulation, 2010. 122(5): p. 507-16. | CT | 124 | - | Intermediate term follow-up from the U.S. Investigational Device Exemption Trial |
| Zahn (2010) | *Implantation of the melody transcatheter pulmonary valve in patients with a dysfunctional right ventricular outflow tract conduit early results from the u.s. Clinical trial.* J Am Coll Cardiol, 2009. 54(18): p. 1722-9. | CT | 33 | - | Initial report from the U.S. Investigational Device Exemption Trial |
| Al Senaidi (2009) | *Percutaneous pulmonary valve replacement in thirty patients.* Journal of the American College of Cardiology, 2009. 53(10): p. A6. | CS | 32 | - | Single center experience |
| Berdjis (2014) | *Early results of 105 melody valve patients in a large national pediatric cardiology practice group (pediatrix).* Catheterization and Cardiovascular Interventions, 2014. 83: p. S140-S141. | CS | 105 | - | Case series from four centers |
| Biernacka (2015) | *Transcatheter pulmonary valve implantation in patients with right ventricular outflow tract dysfunction: Early and mid-term results.* Journal of Invasive Cardiology, 2015. 27(6): p. E82-E89. | CS | 26 | > 6 | Single center experience |
| Butera (2013) | *Melody transcatheter pulmonary valve implantation. Results from the registry of the Italian Society of Pediatric Cardiology.* Catheter Cardiovasc Interv, 2013. 81(2): p. 310-6. | Registry | 61 | 30 | Prospective, observational, multi-centric survey by means of a web-based database registry of the Italian Society of Pediatric Cardiology |
| Cheung (2013) | *Infective endocarditis following percutaneous pulmonary valve replacement: diagnostic challenges and application of intra-cardiac echocardiography. Int J Cardiol, 2013. 169(6): p. 425-9.* | CS | 42 | - | Single center report describing two confirmed cases of endocarditis |
| Cools (2015) | *Percutaneous pulmonary valve implantation for free pulmonary regurgitation following conduit-free surgery of the right ventricular outflow tract.* Int J Cardiol, 2015. 186: p. 129-35. | CS | 112 | 28 | Single center experience |
| Cools (2013) | *Medium term follow-up after percutaneous pulmonary valve replacement with the Melody(registered trademark) valve.* IJC Heart and Vasculature, 2015. 7: p. 92-97. | CS | 21 | 3 | Single center experience |
| Eicken (2010) | *Percutaneous pulmonary valve implantation - Initial two center experience.* Cardiology in the Young, 2010. 20: p. S22. | CS | 80 | 6 | Two center experience |
| Finch (2015) | *Transcatheter melody valve placement in large diameter bioprostheses and conduits: What is the optimal "Landing zone"?* Catheter Cardiovasc Interv, 2015. | CS | 51 | 11 | Two center experience |
| Fraisse (2014) | *Melody (R) transcatheter pulmonary valve implantation: results from a French registry.* Arch Cardiovasc Dis, 2014. 107(11): p. 607-14. | Registry | 64 | 43 | Prospective, observational, multi-centric survey by means of a database registry of the Filiale de cardiologie pediatrique et congenitale. |
| Lurz (2008) | *Percutaneous pulmonary valve implantation: impact of evolving technology and learning curve on clinical outcome.* Circulation, 2008. 117(15): p. 1964-72. | CS | 155 | 28 | Single center experience |
| Malekzadeh-Milani (2015) | *Incidence and predictors of Melody(R) valve endocarditis: a prospective study.* Arch Cardiovasc Dis, 2015. 108(2): p. 97-106. | CS | 86 | 24 | Prospective cohort study from a single center |
| Nimri (2014) | *The melody valve . . .. Not just for conduits: A single center experience.* Catheterization and Cardiovascular Interventions, 2014. 83(7): p. 1231-1232. | CS | 120 | 21 | Single center experience |
| Nordmeyer (2014) | *Current results of the melody registry: An international multicenter registry of transcatheter pulmonary valve implantation.* Journal of the American College of Cardiology, 2014. 63(12): p. A480. | Registry | 1003 | 12 | Results from the MELODY Registry, prospective registry including 40 centers |
| Van Dijck (2015) | *Infective endocarditis of a transcatheter pulmonary valve in comparison with surgical implants.* Heart, 2015. 101(10): p. 788-93. | CS | 107 | 24 | Single center experience |
| Villafane (2014) | *Melody pulmonary valve bacterial endocarditis: experience in four pediatric patients and a review of the literature.* Catheter Cardiovasc Interv, 2014. 84(2): p. 212-8. | CS | 4 | - | Case series reporting endocarditis in 4 patients after Melody implantation |
| Alsoufi (2012) | *Obstruction of a percutaneous pulmonary valve by an Aspergillus mycotic thrombus mimicking massive pulmonary embolus.* Ann Thorac Surg, 2012. 94(1): p. e5-6. | CR | 1 | 2.5 | Aspergillus endocarditis |
| Alsulami (2014) | *Hyperacute flash pulmonary oedema after transcatheter pulmonary valve implantation: The melody of an overwhelmed left ventricle.* Arch Cardiovasc Dis, 2014. 107(4): p. 219-24. | CR | 1 | - | Flash pulmonary edema after Melody implantation attributed to increased cardiac output in a patient with an elevated left ventricular end diastolic pressure |
| Bhat (2013) | *A case of life-threatening Staphylococcus aureus endocarditis involving percutaneous transcatheter prosthetic pulmonary valve.* Congenit Heart Dis, 2013. 8(6): p. E161-4. | CR | 1 | 4 | S. Aureus endocarditis |
| Biermann (2012) | *Coronary event after transcatheter pulmonary valve implantation.* Thoracic and Cardiovascular Surgeon, 2012. 60 | CR | 1 | 0.2 | Coronary obstruction presenting 5 days after Melody implantation |
| Dave (2013) | *Surgical recycling of a percutaneously implanted Melody valve.* Eur Heart J, 2013. 34(1): p. 21. | CR | 1 | 0.5 | Melody valve embolization to the RV |
| Dehghani (2015) | *Coronary artery compression three months after transcatheter pulmonary valve implantation.* Catheter Cardiovasc Interv, 2015. 85(4): p. 611-4. | CR | 1 | 3 | Coronary compression presenting 3 months after implant during exercise |
| Georgievskaya (2014) | *Bartonella henselae endocarditis and glomerulonephritis with dominant C3 deposition in a 21-year-old male with a Melody transcatheter pulmonary valve: case report and review of the literature.* Pediatr Dev Pathol, 2014. 17(4): p. 312-20. | CR | 1 | 60 | B. henselae endocarditis |
| Gonzalez-Lopez (2015) | *Aortopulmonary window due to transcatheter pulmonary valve implantation after arterial switch operation: Where is the limit'.* Journal of Thoracic and Cardiovascular Surgery, 2015. 149(3): p. e38-e39. | CR | 1 | - | Acute aortopulmonary fistula after Melody implantation |
| Hormann (2013) | *Accidental stent fracture due to chest trauma after percutaneous Melody valve implantation.* Eur Heart J, 2013. 34(42): p. 3258. | CR | 1 | 24 | Stent fracture occurring after chest trauma |
| Johnson (2013) | *Corynebacterium endocarditis of a percutaneously placed transcatheter pulmonary valve.* Cardiology in the Young, 2013. 24(5): p. 932-934. | CR | 1 | 30 | C. faecalis endocarditis |
| Kenny (2013) | *Aortopulmonary fistula after transcatheter pulmonary valve replacement.* Circulation: Cardiovascular Interventions, 2013. 6(6): p. e67-e68. | CR | 1 | 0.75 | Aortpulmonary fistula presenting 3 weeks after implantation |
| Mauri (2013) | *Emergency surgery for extrinsic coronary compression after percutaneous pulmonary valve implantation.* Cardiol Young, 2013. 23(3): p. 463-5. | CR | 1 | - | Acute coronary compression |
| Peer (2014) | *Percutaneous pulmonary valve implantation after Ross-Konno aortoventriculoplasty: A cautionary word.* Journal of Thoracic and Cardiovascular Surgery, 2014. 147(6): p. e74-e75. | CR | 1 | 0.2 | “Erosion” with aortpulmonary fistula and secondary coronary compression |
| Ruf (2010) | *Transient complete atrioventricular block after percutaneous pulmonary valve implantation.* Cardiol Young, 2010. 20(6): p. 704-6. | CR | 1 | 0.1 | Complete heart block persisting for 4 days after Melody implantation |
| Taggart (2011) | *Acute heart failure after percutaneous pulmonary valve (melody(copyright) valve) implantation.* Catheterization and Cardiovascular Interventions, 2011. 77: p. S139-S140. | CR | 1 | 0.75 | Case report documenting heart failure after Melody valve implantation. Initially attributed to increased cardiac output into a left ventricle with diastolic dysfunction. A subsequent report (Taggart et al 2013) documented a valve erosion into the aortic root |
| Taggart (2013) | *Melody valve erosion into the ascending aorta.* Congenit Heart Dis, 2013. 8(2): p. E64. | CR | 1 | 16 | Valve erosion into the aortic root requiring emergency surgery |
| Wittwer (2014) | *Left Main Coronary Artery Compression following Melody Pulmonary Valve Implantation: Use of Impella Support as Rescue Therapy and Perioperative Challenges with ECMO.* Case Rep Crit Care, 2014. 2014: p. 959704. | CR | 1 | - | Left main coronary compression |
| Yangtuoco (2015) | *Melody valve erosion into the ascending aorta in a patient after Ross procedure* | PC | 1 | 36 | Unpublished report of Melody valve erosion into the ascending aorta |
| CT represents clinical trial, CS represents case series, CR represents case report, PC represent personal communication | | | | | |

Supplemental Table 2: Literature reports describing “off-label” Melody® Valve Implantation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Author** | **Publication** | **Report type** | **N** | **Median FU (months)** | **Summary** |
| Momenah (2009)[1] | *Extended application of percutaneous pulmonary valve implantation.* J Am Coll Cardiol, 2009. 53(20): p. 1859-63. | CS | 13 | 4 months | Melody valve implantation in a native RVOT following trans-annular patch repair of tetralogy of Fallot |
| Eicken (2010)[2, 3] | *Transcutaneous Melody valve implantation in "tricuspid position" after a Fontan Bjork (RA-RV homograft) operation results in biventricular circulation.* Int J Cardiol, 2010. 142(3): p. e45-7. | CR | 1 | - | Implantation in a right atrial to right ventricle homograft following Fontan Bjork operation |
| Roberts (2010) | *Novel use of a melody percutaneous pulmonary valve in the tricuspid valve position - First reported experience.* Heart Lung and Circulation, 2010. 19: p. S142. | CR | 1 | - | Melody valve implantation in the tricuspid position |
| Gillespie (2011)[4] | *Bilateral branch pulmonary artery melody valve implantation for treatment of complex right ventricular outflow tract dysfunction in a high-risk patient.* Circ Cardiovasc Interv, 2011. 4(4): p. e21-3. | CR | 1 | - | Bilateral Melody valve implantation in the right and left branch pulmonary arteries |
| Hill (2011) | *Transcatheter pulmonary valve replacement exceptions: implants outside the IFU.* Catheterization and Cardiovascular Interventions, 2011. 78(1): p. S187. | CS | 14 | - | Implantation in various off-label right ventricular outflow tract positions including within bioprosthetic tricuspid and pulmonary valves and in overly small conduits |
| Hofbeck (2011) | *Bilateral percutaneous pulmonary valve implantation in dual conduits from the subpulmonary ventricle to the pulmonary arteries.* European Heart Journal, 2011. 32(22): p. 2907. | CR | 1 |  | Implantation in dual right ventricle to pulmonary artery conduits in a single patient |
| Roberts (2011) | *Percutaneous tricuspid valve replacement in congenital and acquired heart disease.* J Am Coll Cardiol, 2011. 58(2): p. 117-22. | CS | 15 | 4 | Implantation in the tricuspid position |
| Demkow (2012) | *Successful transcatheter pulmonary valve implantation in patients with patched right ventricular outflow tracts.* Circulation, 2012. 125(19): p. e712. | CS | 8 | - | Implantation in native right ventricular outflow tracts |
| Jux (2012) | *Two Melodies in concert: transcatheter double-valve replacement.* Catheter Cardiovasc Interv, 2012. 80(6): p. 997-1001. | CR | 1 | - | Concomitant valve implantation in the tricuspid and pulmonary positions |
| Qureshi (2012) | *Percutaneous pulmonary valve implantation in left pulmonary artery branch in a patient with a functional single lung.* J Invasive Cardiol, 2012. 24(9): p. E202-4. | CR | 1 | - | Implantation in the left pulmonary artery |
| Riede (2012) | *Implantation of a Melody valve in tricuspid position.* Catheter Cardiovasc Interventions, 2012. 80(3): p. 474-6. | CR | 1 | - | Implantation in the tricuspid position |
| Thanopoulos (2012) | *Percutaneous pulmonary valve implantation in the native right ventricular outflow tract.* Catheterization and Cardiovascular Interventions, 2012. 79(3): p. 427-429. | CR | 1 | - | Implantation in the native right ventricular outflow tract |
| Asnes (2013) | *Transcatheter valve-in-valve tricuspid valve replacement in congenitally malformed hearts.* Catheterization and Cardiovascular Interventions, 2013. 81(1): p. 193. | CS | 3 | 5 | Implantation in the tricuspid valve |
| Ben-Gal (2013) | *Transapical implantation of a Melody valve in a degenerated low-diameter prosthetic aortic valve.* Circulation, 2013. 127(16): p. e553-6. | CR | 1 | - | Trans-apical implantation in the aortic valve |
| Bentham (2013) | *Early percutaneous valve failure within bioprosthetic tricuspid tissue valve replacements.* Catheter Cardiovasc Interv, 2013. 82(3): p. 428-35. | CS | 3 | - | Case series describing early valve failure due to insufficiency following Melody implantation in the tricuspid position |
| Bhamidipati (2013) | *Percutaneous transjugular implantation of MELODY(R) valve into tricuspid bioprosthesis.* J Card Surg, 2013. 28(4): p. 391-3. | CR | 1 | - | Implantation in a tricuspid bioprosthesis |
| Boshoff (2013) | *Off-label use of percutaneous pulmonary valved stents in the right ventricular outflow tract: time to rewrite the label?* Catheter Cardiovasc Interv, 2013. 81(6): p. 987-95. | CS | 20 | - | Off-label implantation in the right ventricular outflow tract including in small conduits, native outflow tracts and bioprosthetic valves |
| Cheatham (2013) | *The Medtronic Melody(R) transcatheter pulmonary valve implanted at 24-mm diameter--it works.* Catheter Cardiovasc Interv, 2013. 82(5): p. 816-23. | CS | 13 | 9.5 | Melody valve implantation to 24mm (above the recommended upper limit of 22mm ) including 3 implantations in the tricuspid position |
| Cullen (2013) | *Transvenous, antegrade Melody valve-in-valve implantation for bioprosthetic mitral and tricuspid valve dysfunction: a case series in children and adults.* JACC Cardiovasc Interv, 2013. 6(6): p. 598-605. | CS | 19 | - | 9 Melody implants in the mitral position and 10 implants in the tricuspid position |
| Emani (2013) | *Valve replacement with an expandable bioprosthetic valve in neonates and infants.* Journal of the American College of Cardiology, 2013. 61(10): p. E426. | CS | 15 | 18 | Surgical Melody valve implantation in infants (median age = 8 months) including 8 in the right ventricular outflow tract, 6 in the mitral position and 1 in the aortic position. |
| Holoshitz (2013) | *Perventricular Melody valve implantation in a 12 kg child.* Catheter Cardiovasc Interv, 2013. 82(5): p. 824-7. | CR | 1 | - | Perventricular implantation in a 12kg child |
| Kliger (2013) | *Percutaneous melody valve-in-valve implantation with simultaneous paravalvular leak closure: Complete transcatheter repair of a failing mitral bioprosthesis.* Journal of the American College of Cardiology, 2013. 61(10): p. E1909. | CR | 1 | - | Implantation in the mitral position |
| Maschietto (2013) | *A concert in the heart: bilateral Melody valve implantation in the branch pulmonary arteries.* J Invasive Cardiol, 2013. 25(4): p. E69-71 | CR | 1 | - | Bilateral Melody valve implantation in the right and left branch pulmonary arteries |
| Michelena (2013) | *Successful percutaneous transvenous antegrade mitral valve-in-valve implantation.* Catheter Cardiovasc Interv, 2013. 81(5): p. E219-24. | CR | 1 | - | Implantation in the mitral position |
| Petit (2013) | *Melody valve implantation in the pulmonary and tricuspid position.* Catheter Cardiovasc Interv, 2013. 82(7): p. E944-6. | CR | 1 | - | Concomitant valve implantation in the tricuspid and pulmonary positions |
| Rodriguez (2013) | *Transcatheter melody valve implantation in native ventricular outflow tracts.* Cardiology in the Young, 2013. 23: p. S13. | CS | 14 | - | Implantation in the native right ventricular outflow tract |
| Berman (2014) | *Feasibility and short-term outcomes of percutaneous transcatheter pulmonary valve replacement in small (<30 kg) children with dysfunctional right ventricular outflow tract conduits.* Circ Cardiovasc Interv, 2014. 7(2): p. 142-8. | CS | 26 | - | Multi-center analysis of Melody implantation in small children (< 30kg) |
| Eagam (2014) | *Atypical melody transcatheter tricuspid valve therapy in adult congenital heart disease.* Journal of the American College of Cardiology, 2014. 63(12): p. A647. | CR | 1 | - | Implantation in the tricuspid position |
| Filsoof (2014) | *Use of a melody pulmonary valve in transcatheter valve-in-valve replacement for tricuspid valve bioprosthesis degeneration.* Tex Heart Inst J, 2014. 41(5): p. 511-3. | CR | 1 | - | Implantation in the tricuspid position |
| Godart (2014) | *Transcatheter tricuspid valve implantation: a multicentre French study.* Arch Cardiovasc Dis, 2014. 107(11): p. 583-91. | CS | 7 | - | Multi-center descriptive report of implantation in the tricuspid position |
| Gossl (2014) | *Failing left ventricle to ascending aorta conduit-Hybrid implantation of a melody valve and NuMed covered stent.* Catheter Cardiovasc Interv, 2014. 83(5): p. 778-81. | CR | 1 | - | Melody implantation in a left ventricle to ascending aorta conduit |
| Hermsen (2014) | *Tricuspid valve replacement with a melody stented bovine jugular vein conduit.* Ann Thorac Surg, 2014. 98(5): p. 1826-7. | CR | 1 | - | Implantation in the tricuspid position |
| Hofmann (2014) | *Simplified surgical-hybrid Melody(registered trademark) valve implantation for paediatric mitral valve disease.* European Journal of Cardio-thoracic Surgery, 2014. 47(5): p. 926-928. | CR | 1 | - | Implantation in the mitral position |
| Hoskoppal (2014) | *Percutaneous 'valve-in-valve' implantation of melody valve in the tricuspid position in patients with congenital heart disease.* Catheterization and Cardiovascular Interventions, 2014. 83: p. S47. | CS | 13 | - | Implantation in the tricuspid position |
| Kliger (2014) | *Successful first-in-man percutaneous transapical-transseptal Melody mitral valve-in-ring implantation after complicated closure of a para-annular ring leak.* EuroIntervention, 2014. 10(8): p. 968-74. | CR | 1 | - | Implantation in the mitral position |
| Maisano (2014) | *Successful first-in-man Melody transcatheter valve implant in a dehisced mitral annuloplasty ring transapical valve-in-ring implant.* EuroIntervention, 2014. 10(8): p. 961-7. | CR | 1 | - | Implantation in the mitral position |
| Malekzadeh-Milani (2014) | *Results of transcatheter pulmonary valvulation in native or patched right ventricular outflow tracts.* Arch Cardiovasc Dis, 2014. 107(11): p. 592-8. | CS | 36 | 31 | Implantation in patched right ventricular outflow tracts |
| Malekzadeh-Milani (2014) | *Percutaneous valvulation of failing Fontan: rationale, acute effects and follow-up.* Arch Cardiovasc Dis, 2014. 107(11): p. 599-606. | CS | 4 | - | Implantation in the Fontan circuit |
| Meadows (2014) | *Use and performance of the Melody Transcatheter Pulmonary Valve in native and postsurgical, nonconduit right ventricular outflow tracts.* Circ Cardiovasc Interv, 2014. 7(3): p. 374-80. | CS | 31 | 15 | Implantation in-non-conduit right ventricular outflow tracts |
| Quinonez (2014) | *Stented bovine jugular vein graft (Melody valve) for surgical mitral valve replacement in infants and children.* J Thorac Cardiovasc Surg, 2014. 148(4): p. 1443-9. | CS | 11 | - | Surgical implantation in the mitral position |
| Schneider (2014) | *Percutaneous melodytm valve implantation in 'tricuspid' position in a patient with a Fontan-Bjork modification.* Catheterization and Cardiovascular Interventions, 2014. 83(7): p. 1210. | CR | 1 | 6 | Implantation in a right atrial to right ventricle homograft following Fontan Bjork operation |
| Tzifa (2014) | *Transcatheter valve-in-valve implantation in the tricuspid position.* EuroIntervention, 2014. 10(8): p. 995-9. | CS | 5 | - | Implantation within bioprosthetic tricuspid valves |
| Wilson (2014) | *Long-term follow-up for complete transcatheter melody valve-in-valve implantation for high-pressure systemic bioprosthesis failure.* Journal of the American College of Cardiology, 2014. 64(11): p. B235. | CS | 12 | 15 | 9 implants in the mitral position and 3 in the aortic position |
| Zunzunegui (2014) | *Transcatheter melody valve implantation in native ventricular outflow tracts.* Catheterization and Cardiovascular Interventions, 2014. 83(7): p. 1229. | CS | 16 | - | Implantation in non-conduit right ventricular outflow tracts |
| Dahle (2015) | *Concomitant transatrial valve-in-valve in pulmonal and tricuspid position.* Catheter Cardiovasc Interv, 2015. | CR | 1 | - | Concomitant valve implantation in the tricuspid and pulmonary positions |
| Eicken (2015) | *Percutaneous tricuspid valve implantation: two-center experience with midterm results.* Circ Cardiovasc Interv, 2015. 8(4). | CS | 7 | 25 | Implantation in the tricuspid position |
| Eleid (2015) | *Transcatheter tricuspid valve-in-valve in patients with transvalvular device leads.* Catheter Cardiovasc Interv, 2015. | CS | 2 | - | Implantation in the tricuspid position in patients with pre-existing trans-valvular device leads |
| El-Eshmawi (2015) | *Direct access implantation of a Melody valve in native mitral valve: a hybrid approach in the presence of extensive mitral annular calcification.* Ann Thorac Surg, 2015. 99(3): p. 1085. | CR | 1 | - | Implantation in the mitral position |
| Hofmann (2015) | *Simplified surgical-hybrid Melody valve implantation for paediatric mitral valve disease.* Eur J Cardiothorac Surg, 2015. 47(5): p. 926-8. | CR | 1 | - | Surgical implantation in the mitral position in an infant |
| Kliger (2015) | *Percutaneous complete repair of failed mitral valve prosthesis: simultaneous closure of mitral paravalvular leaks and transcatheter mitral valve implantation - single-centre experience.* EuroIntervention, 2015. 10(11): p. 1336-45. | CS | 5 | - | Implantation in bioprosthetic mitral valves |
| Martin (2015) | *Transcatheter neoaortic valve replacement utilizing the melody valve in hypoplastic left heart syndrome.* Catheter Cardiovasc Interv, 2015. 85(4): p. 615-9. | CR | 1 | - | Implantation in the neo-aortic valve after Norwood arch reconstruction |
| Moysich (2015) | *Transapical valve-in-valve implantation to treat a regurgitant mitral bioprothesis in a child with failing Fontan circulation.* Journal of Thoracic and Cardiovascular Surgery, 2015. 150(2): p. e23-e25. | CR | 1 | - | Implantation in a mitral bioprosthesis |
| Reddy (2015) | *Acute decompensation in a patient with a melody valve for prosthetic tricuspid stenosis.* Journal of the American College of Cardiology, 2015. 65(10): p. A657. | CR | 1 | - | Report describing thrombosis of a melody valve following implantation in the tricuspid position |
| Wilson (2015) | *Largest series of completely percutaneous antegrade transseptal-transapical mitral valve-in-valve implantation for bioprosthetic dysfunction.* Journal of the American College of Cardiology, 2015. 65(10): p. A1701. | CS | 10 | 6 | Implantation in the mitral position |