

Dr Aurélien ROUMY

Publications

1. Bonnemain J, Rusca M, Ltaief Z, **Roumy A**, Tozzi P, Kirsch M, Liaudet L. *Hyperoxia during extracorporeal cardiopulmonary resuscitation for refractory cardiac arrest is associated with severe circulatory failure and increased mortality.* BMC Cardiovasc Disord. 2021 Nov 14;21(1):542
2. Rotzinger D, **Roumy A**, Tozzi P, Qanadli SD. *Acute post-traumatic rupture of the right pulmonary artery: a modern approach for a rare condition.* Eur J Cardiothorac Surg. 2021 Jul 14;60(1):200
3. Baghai M, Glauber M, Fontaine R, Castillo JC, Walker AH, Livi U, Montiel J, Royse A, Bisleri G, Pacini D, Argano V, **Roumy A**, Asimakopoulos G & Solinas M on behalf of the SURE-AVR investigators. *Clinical outcomes after implantation of a sutureless aortic bioprosthesis with concomitant mitral valve surgery: the SURE- AVR registry.* J Cardiothorac Surg. 2021 May 30;16(1):154
4. Bonnemain J, Auberson D, Rutz T, Yerly P, Aubert JD, **Roumy A**, Pantet O, Rusca M, Liaudet L, Piquilloud L. *Simple equations to predict the effects of venovenous ECMO in decompensated Eisenmenger syndrome.* ESC Heart Failure 2021;8:1637–1642
5. **Roumy A**, Pavon AG, Rosner L, Tozzi P, Kirsch M. *Les valves sutureless et à déploiement rapide dans le remplacement valvulaire aortique : le compromis idéal ?.* Rev Med Suisse. 2021 Feb 24;17(727):406-409
6. **Roumy A**, Verdugo M, Gunga MZ, Monney P, Rancati, Kirsch M. *Is Sub- Commissural Annuloplasty a Safe Adjunct to Sutureless Perceval-S Aortic Valve Implantation ?* Austin J Surg. 2021;8(1): 1262
7. **Roumy A**, Liaudet L, Rusca M, MARCUCCI C, Kirsch M. *Pulmonary complications associated with veno-arterial extra-corporeal membrane oxygenation: a comprehensive review.* Crit. Care. 2020 May 11;24(1):212
8. Miroz JP, Ben-Hamouda N, Bernini A, Romagnosi F, Bongiovanni F, **Roumy A**, Kirsch M, Liaudet L, Eckert P, Oddo M. *Neurological Pupil index for Early Prognostication After Venoarterial Extracorporeal Membrane Oxygenation.* Chest. 2020 May;157(5):1167-1174.
9. Ruchonnet EP, **Roumy A**, Rancati V, Kirsch M. *Prosthetic Valve Endocarditis after Transcatheter Aortic Valve Implantation Complicated by Paravalvular Abscess and Treated by Pericardial Patches and Sutureless Valve Replacement.* Heart Surg Forum. 2019 Apr 4;22(2):E155-E158
10. Poli EC, Alberio L, Bauer-Doerries A, Marcucci C, **Roumy A**, Kirsch M, De Stefano E, Liaudet L, Schneider AG. *Cytokine clearance with CytoSorb® during cardiac surgery: a pilot randomized controlled trial.* Crit Care. 2019 Apr 3;23(1):108
11. Forster C, **Roumy A**, Gonzalez M. *Solitary fibrous tumor of the pleura with Doege- Potter syndrome: Second recurrence in a 93-year-old female.* SAGE Open Med Case Rep. 2019 Jan 12;7.
12. Jahns FP, Ben-Hamouda N, Kirsch M, **Roumy A**, Liaudet L. *Intravenous zanamivir for influenza myocarditis and enteral malabsorption.* Crit Care. 2018 Dec 4;22(1):332.
13. Wannaz L, **Roumy A**, Letovanec I, Lovis A, Beigelman C, Ris HB, Gonzalez M. *Non-circumferential membranous resection of the trachea for paraganglioma: A case report.* Int J Surg Case Rep. 2018 Sep 17;51:288-291.
14. Nowacka A, Rancati V, **Roumy A**, Monney P, Kirsch M. *Multiple Cardiac Papillary Fibroelastomas - Are They Really Rare or Underdiagnosed ?* Heart Lung Circ. 2018 Sep 15.

15. Abdelhamid K, Hullin R, Tozzi P, **Roumy A**, Kirsch M. *Huge Calcified Aneurysm of the Left Ventricle.* Ann Thorac Surg. 2018 Jan;105(1).
16. Barras N, Jeanrenaud X, Regamey J, Yerly P, **Roumy A**, Kirsch M, Hullin R. *Right ventricular function before LVAD implantation.* Cardiovascular Medicine. 2017 mar;20(03):69-71
17. **Roumy A**, Jeanrenaud X, Prêtre R, Kirsch M. *Post-coital acute rupture of a fenestrated aortic valve.* J Heart Valve Dis. 2017 Jan;26(1)
18. **Roumy A**, Kirsch M, Prêtre R, Niclauss L. *Spontaneous Regression of a Large Iatrogenic Dissection of the Ascending Aorta.* Aorta 2016 Dec;4(6):226-8
19. **Roumy A**, Gerelli S, Di Marco P, Mazzucotelli JP. *Papillary fibroelastoma of the tricuspid valve: a perioperative diagnosis.* Eur J Cardiothorac Surg. 2014 Sep;46(3):505.
20. **Roumy A**, de Leval L, Niclauss L, Schaefer SC, Kurtin P, Dogan A, von Segesser LK, Ruchat P. *Localized amyloid light-chain amyloidosis and extramedullary plasmacytoma of the mitral valve.* Ann Thorac Surg. 2013 May;95(5):1782-4.
21. Niclauss L, **Roumy A**, Gersbach P. *Spinal Cord Stimulation in Thromboangiitis Obliterans and Secondary Raynaud's-Syndrome.* Eur J Vasc Endo Surg. 2013 mar;46(1):156-7.
22. Ferrari E, Marcucci C, **Roumy A**, von Segesser LK. *Type A quadricuspid aortic valve and ascending aorta aneurysm: a rare combination.* J Heart Valve Dis. 2011 Nov;20(6):723-5.
23. Ferrari E, Sulzer C, Marcucci C, Qanadli SD, **Roumy A**, Niclauss L, von Segesser LK. *Successful combined minimally invasive direct coronary artery bypass and transapical aortic valve implantation.* Ann Thorac Surg. 2011 Jun;91(6):1979-82.
24. Rolf T, Tozzi P, **Roumy A**, Iglesias JF, von Segesser LK. *Aortic valve lesion after coronary angiography.* Interact Cardiovasc Thorac Surg. 2011 Feb;12(2):205-6.

Présentations

1. Clinical outcome and hemodynamic performances of the Livanova Perceval-S sutureless aortic bioprosthesis: a single center experience – Poster
SSC/SSCS Annual Congress 2019 - Interlaken - Suisse
2. Sutureless valve implantation and annulus plication - Oral presentation
SFCTCV journées d'automne 2018 - Paris - France
3. Sutureless valve implantation in patients with large aortic annulus: does plication compromise outcomes ? – Poster SSC/SSCS Annual Congress 2018 - Bâle - Suisse
4. Risk stratification by the Heart Team : scoring and subjectivity - Oral presentation 12th ECCI Congress 2017 - Lausanne - Suisse
5. Spontaneous regression of a large ascending aorta hematoma - Poster
SSC/SSCS Annual Congress 2016 - Lausanne - Suisse
6. The first two cases of Thoratec Heartmate 3 implantation in Switzerland - Poster
SSC/SSCS Annual Congress 2016 - Lausanne – Suisse
7. Early results of mitral valve surgery in octogenarians - Oral presentation
67th SFCTCV Congress 2014 - Tours - France
8. Aortic annulus assessment before transcatheter aortic valve implantation: comparison of imaging and perioperative measurement - Poster
SSC/SSCS Annual Congress 2012 - Lausanne - Suisse