20872991	Images in clinical medicine. Aortic dissection during diagnostic aortography Images in clinical medicine. Aortic dissection	N Engl J Med N Engl J Med	2010	74.699 74.699	Samad Ghaffari Amritpal Singh Nat	1
5405392 5662791	Atenolol versus losartan in children and young adults with Marfan's syndrome Management of acute aortic dissection	N Engl J Med Lancet	2014	74.699 74.699 60.392	Ronald V. Lacro Christoph A. Nienaber	10
1917581 7533160	Incidence of aortic complications in patients with bicuspid aortic valves Acute Aortic Dissection and Intramural Hematoma: A Systematic	JAMA JAMA	2015 2011	45.54 45.54	Hector I Michelena Firas F. Mussa	12:
0535217	Review Effect of Oral Alfacalcidol on Clinical Outcomes in Patients Without Secondary Hyperparathyroidism Receiving Maintenance	JAMA	2018	45.54	Tetsuo Shoji	10
7440162 7440218	Hemodialysis: The J-DAVID Randomized Clinical Trial Aortic dissection Aortic dissection	Nat Rev Dis Primers Nat Rev Dis Primers	2016 2016	40.689 40.689	Christoph A. Nienaber	19
7560366 1422406	Aortic dissection Phase II trial of cisplatin, gemcitabine, and bevacizumab as first-line therapy for metastatic urothelial carcinoma: Hoosier Oncology Group	Nat Rev Dis Primers J Clin Oncol	2016 2011	40.689 32.956	Christoph A. Nienaber Noah M. Hahn	2 54
1803810	GU 04-75 Acute aortic dissection	BMJ BM I	2011	30.223	Aaron M. Ranasinghe	4
2236596 5205491	The diagnosis and management of aortic dissection Does intensive medical treatment improve outcomes in aortic dissection?	BMJ BMJ	2012 2014	30.223 30.223	Sri G. Thrumurthy Frank A. Lederle	16 2
9519881 1974270	Fluoroquinolone use and risk of aortic aneurysm and dissection: nationwide cohort study Half of patients with acute aortic dissection in England die before	BMJ BMJ	2018	30.223	Björn Pasternak Elisabeth Mahase	0
0124134	Letter by Hugli regarding article, "Diagnosis of acute aortic dissection by D-dimer: the International Registry of Acute Aortic	Circulation	2010	23.603	Olivier W. Hugli	3
0497983	Dissection Substudy on Biomarkers (IRAD-Bio) experience" Letter by Canaud et al. regarding article, "Retrograde ascending aortic dissection during or after thoracic aortic stent graft placement: insight from the European registry on endovascular aortic repair	Circulation	2010	23.603	Ludovic Canaud	0
0625143	complications" Acute aortic dissection: clinician update	Circulation	2010	23.603	Alan C. Braverman	36
0837896 0837929	Importance of refractory pain and hypertension in acute type B aortic dissection: insights from the International Registry of Acute Aortic Dissection (IRAD) Impact of new development of ulcer-like projection on clinical	Circulation Circulation	2010	23.603	Santi Trimarchi Takeshi Kitai	35 17
0855660	outcomes in patients with type B aortic dissection with closed and thrombosed false lumen Extensive primary repair of the thoracic aorta in acute type a aortic	Circulation	2010	23.603	Liangwan Chen	12
1555704	dissection by means of ascending aorta replacement combined with open placement of triple-branched stent graft: early results Sensitivity of the aortic dissection detection risk score, a novel	Circulation	2011	23.603	Adam M. Rogers	42
1555710	guideline-based tool for identification of acute aortic dissection at initial presentation: results from the international registry of acute aortic dissection	Circulation	2011	22 602	Debort lb e	0
1555718 1576657	Large aortic pseudoaneurysm, from left coronary ostium, with aortopulmonary fistula 10 years after aortic root replacement for type a aortic dissection Total arch repair for acute type A aortic dissection with 2 modified	Circulation Circulation	2011	23.603	Robert Ibe Liangwan Chen	7
1576676	techniques: open single-branched stent graft placement and reinforcement of the dissected arch vessel stump with stent graft Images in cardiovascular medicine: left atrial compression secondary	Circulation	2011	23.603	Robert S. Bonser	1
1646502	to contained rupture of type a aortic dissection Letter by Murzi and Glauber regarding article, "Extensive primary repair of the thoracic aorta in acute type A aortic	Circulation	2011	23.603	Michele Murzi	0
1690497	dissection by means of ascending aorta replacement combined with open placement of triple-branched stent graft: early results" Letter by Benedetto et al. regarding article, "Importance of refractory pain and hypertension in acute type B aortic dissection:	Circulation	2011	23.603	Umberto Benedetto	0
1747050	insights from the International Registry of Acute Aortic Dissection (IRAD)" Cerebral protection during surgery for acute aortic dissection type	Circulation	2011	23.603	Tobias Krüger	35
1875908	A: results of the German Registry for Acute Aortic Dissection Type A (GERAADA) Mortality and neurologic injury after surgical repair with hypothermic	Circulation	2011	23.603	Martin Czerny	7
1911807	circulatory arrest in acute and chronic proximal thoracic aortic pathology: effect of age on outcome Neurological outcomes after immediate aortic repair for acute type A	Circulation	2011	23.603	Takuro Tsukube	14
1969019	aortic dissection complicated by coma Correlates of delayed recognition and treatment of acute type A aortic dissection: the International Registry of Acute Aortic Dissection (IRAD)	Circulation	2011	23.603	Kevin M. Harris	39
2133496 2392868 2431886	Aortic event rate in the Marfan population: a cohort study latrogenic aortic dissection or intramural hematoma? Dry gangrene after aortic dissection	Circulation Circulation Circulation	2011 2012 2012	23.603 23.603 23.603	Guillaume Jondeau Terrence D. Welch Juihung Ko	18 6 0
2615344	Long-term outcome of aortic dissection with patent false lumen: predictive role of entry tear size and location	Circulation	2012	23.603	Artur Evangelista	37
2965969 2965999	Medial regeneration using a biodegradable felt as a scaffold preserves integrity and compliance of a canine dissected aorta Acute aortic intramural hematoma: an analysis from the International Registry of Acute Aortic Dissection	Circulation Circulation	2012	23.603	Mitsuru Sato Kevin M. Harris	34
2966000	Registry of Acute Aortic Dissection Impact of controlled pericardial drainage on critical cardiac tamponade with acute type A aortic dissection Moderate portio palargement and bicuspid portio valve are associated.	Circulation	2012	23.603	Taro Hayashi	8
3032325 3136157	Moderate aortic enlargement and bicuspid aortic valve are associated with aortic dissection in Turner syndrome: report of the international turner syndrome aortic dissection registry Neutrophil-derived matrix metalloproteinase 9 triggers acute aortic	Circulation Circulation	2012	23.603	Misty Carlson Tomohiro Kurihara	29 56
3136157 3283856	Neutrophil-derived matrix metalloproteinase 9 triggers acute aortic dissection Aortic pathology determines midterm outcome after endovascular repair of the thoracic aorta: report from the Medtronic Thoracic	Circulation Circulation	2012	23.603	Tomohiro Kurihara Benjamin Patterson	22
3493319	repair of the thoracic aorta: report from the Medtronic Thoracic Endovascular Registry (MOTHER) database Acute aortic dissection determines the fate of initially untreated aortic segments in Marfan syndrome	Circulation	2013	23.603	Florian S. Schoenhoff	16
3599348	Population-based study of incidence and outcome of acute aortic dissection and premorbid risk factor control: 10-year results from the Oxford Vascular Study	Circulation	2013	23.603	Dominic P. J. Howard	90
4002714 4025592 4025593	Acute aortic syndrome Type A aortic dissection after nonaortic cardiac surgery	Circulation Circulation	2013 2013 2013	23.603 23.603	Azeem S. Sheikh Olaf Stanger	13
4025593	A perfect storm: type A aortic dissection and previous cardiac surgery Stroke and outcomes in patients with acute type A aortic dissection	Circulation	2013	23.603	Joseph C. Cleveland Eduardo Bossone	20
4030404	Outcomes of patients presenting with acute type A aortic dissection in the setting of prior cardiac surgery: an analysis from the International Registry of Acute Aortic Dissection	Circulation	2013	23.603	Nicholas R. Teman	2
4030416 4126326	Longevity after aortic root replacement: is the mechanically valved conduit really the gold standard for quinquagenarians? Shifting calcium plaque in progressive aortic dissection	Circulation Circulation	2013	23.603	Christian D. Etz Takashi Koyama	6
4594629	Type A aortic dissection in Marfan syndrome: a case for more aggressive and extensive surgery at the time of the initial surgical operation	Circulation	2014	23.603	Marzia Leacche	0
4594630 4807872	Type A aortic dissection in Marfan syndrome: extent of initial surgery determines long-term outcome Endothelial cell-specific reactive oxygen species production	Circulation Circulation	2014 2014	23.603	Bartosz Rylski Lampson M Fan	15 34
4807873 4867998	increases susceptibility to aortic dissection The endothelium: paracrine mediator of aortic dissection Type A aortic dissection mimicking a saddle pulmonary embolus on	Circulation Circulation	2014 2014	23.603 23.603	Francesca Seta Kavita Bhatt	3
5200054	computed tomographic angiography Outcomes of acute retrograde type A aortic dissection with an entry tear in descending aorta	Circulation	2014	23.603	Joon Bum Kim	5
5200055 5223775	Predicting in-hospital mortality in acute type B aortic dissection: evidence from International Registry of Acute Aortic Dissection The "high take-off" left main coronary artery in a patient	Circulation Circulation	2014	23.603 23.603	Jip L. Tolenaar Woon Heo	19
5366834	with acute type A aortic dissection Morphologic characteristics for treatment guidance in uncomplicated acute type B aortic dissection	Circulation	2014	23.603	Martin Teraa	1
5394733 5888682	Mortality from thoracic aortic diseases and associations with cardiovascular risk factors Incidence, Management, and Immediate- and Long-Term Outcomes	Circulation Circulation	2014 2015	23.603 23.603	David Sidloff Iván J. Núñezgil	11 16
6015467	After latrogenic Aortic Dissection During Diagnostic or Interventional Coronary Procedures Aortic Dissection Manifesting as ST-Segment-Elevation Myocardial	Circulation	2015	23.603	Alexander Chen	1
6034086	Infarction Pulmonary artery dissection caused by extension of a chronic type a aortic dissection through a patent ductus arteriosus	Circulation	2015	23.603	Hao Hong	1
6152708 6304666	Percutaneous Coronary Intervention at Centers With and Without On-Site Surgical Backup: An Updated Meta-Analysis of 23 Studies Outcomes of Patients With Acute Type B (DeBakey III) Aortic	Circulation Circulation	2015 2015	23.603 23.603	Joo Myung Lee Rana O. Afifi	19
6338955 6635401	Dissection: A 13-Year, Single-Center Experience Risk of rupture or dissection in descending thoracic aortic aneurysm Quadricuspid Aortic Valve: Characteristics, Associated Structural	Circulation Circulation	2015 2015	23.603 23.603	Joon Bum Kim Michael Y. C. Tsang	11 14
6637530	Cardiovascular Abnormalities, and Clinical Outcomes Surgery for Aortic Dilatation in Patients With Bicuspid Aortic Valves: A Statement of Clarification From the American College of	Circulation	2015	23.603	Loren F. Hiratzka	17
6884625	Cardiology/American Heart Association Task Force on Clinical Practice Guidelines Aortic Dissection With Severe Aortic Regurgitation	Circulation	2016	23.603	Mingyun Ho	0
7297344 7492904	Hereditary Influence in Thoracic Aortic Aneurysm and Dissection Pregnancy and the Risk of Aortic Dissection or Rupture: A Co- hort-Crossover Analysis	Circulation Circulation	2016 2016	23.603 23.603	Eric M. Isselbacher Hooman Kamel	25 8
7587434 8223329	Recurrent Aortic Dissection: Observations From the International Registry of Aortic Dissection Association Between Aortic Dissection and Systemic Exposure of	Circulation Circulation	2016 2017	23.603 23.603	Eric M. Isselbacher Yasuo Oshima	9
8320809	Vascular Endothelial Growth Factor Pathway Inhibitors in the Japanese Adverse Drug Event Report Database Letter by Wong et al. Regarding Article, "Pregnancy and the	Circulation	2017	23.603	Chunka Wong	0
8320810	Risk of Aortic Dissection or Rupture: A Cohort-Crossover Analysis" Response by Kamel to Letter Regarding Article, "Pregnancy and	Circulation	2017	23.603	Hooman Kamel	0
9030346	the Risk of Aortic Dissection or Rupture: A Cohort-Crossover Analysis" Diagnostic Accuracy of the Aortic Dissection Detection Risk Score Plus D-Dimer for Acute Aortic Syndromes: The ADVISED Prospective	Circulation	2017	23.603	Peiman Nazerian	19
9146682	Multicenter Study Magnitude of Soluble ST2 as a Novel Biomarker for Acute Aortic Dissection	Circulation	2017	23.603	Yuan Wang	9
9167226	Surgical Enlargement of the Aortic Root Does Not Increase the Operative Risk of Aortic Valve Replacement	Circulation	2017	23.603	Rodolfo V. Rocha	5
9335286 9459466	Biomarker-Assisted Diagnosis of Acute Aortic Dissection Pregnancy Outcomes in Women With Rheumatic Mitral Valve Disease: Results From the Registry of Pregnancy and Cardiac Disease	Circulation Circulation	2018 2018	23.603 23.603	Toru Suzuki Iris M. Van Hagen	3
9685932	Disease Insights From the International Registry of Acute Aortic Dissection: A 20-Year Experience of Collaborative Clinical Research Small CTR Rinding Protein CRR Disease in Stimulator Proyector	Circulation	2018	23.603	Arturo Evangelista	23
9921611 0354434	Small GTP-Binding Protein GDP Dissociation Stimulator Prevents Thoracic Aortic Aneurysm Formation and Rupture by Phenotypic Preservation of Aortic Smooth Muscle Cells Letter by Zhang and Xu Begarding Article, ":Magnitude of	Circulation Circulation	2018	23.603	Masamichi Nogi	5
0354434 0354437	Letter by Zhang and Xu Regarding Article, "Magnitude of Soluble ST2 as a Novel Biomarker for Acute Aortic Dissection" Response by Wang et al. to Letter Regarding Article, " Magnitude of Soluble ST2 as a Novel Biomarker for Acute Aortic Dis-	Circulation Circulation	2018	23.603	Li Zhang Yuan Wang	0
0474418	Magnitude of Soluble ST2 as a Novel Biomarker for Acute Aortic Dissection" Endovascular Fenestration/Stenting First Followed by Delayed Open Aortic Repair for Acute Type A Aortic Dissection With Malperfusion	Circulation	2018	23.603	Bo Yang	9
0571365	Aortic Repair for Acute Type A Aortic Dissection With Malperfusion Syndrome Letter by Wang and Zhao Regarding Article, "Diagnostic Accuracy of the Aortic Dissection Detection Risk Score Plus D-Dimer	Circulation	2018	23.603	Lei Wang	0
0571366	for Acute Aortic Syndromes: The ADvISED Prospective Multicenter Study" Response by Morello et al. to Letters Regarding Article, "	Circulation	2018	23.603	Fulvio Morello	0
	Diagnostic Accuracy of the Aortic Dissection Detection Risk Score Plus D-Dimer for Acute Aortic Syndromes: The ADvISED Prospective Multicenter Study"					
0571369	Letter by Roncon et al. Regarding Article, "Diagnostic Accuracy of the Aortic Dissection Detection Risk Score Plus D-Dimer for Acute Aortic Syndromes: The ADVISED Prospective Multicenter Study"	Circulation	2018	23.603	Loris Roncon	0
0755026 0986110	Sex-Related Differences in Patients Undergoing Thoracic Aortic Surgery Impact of Carotid Artery Involvement in Type A Aortic Dissection	Circulation Circulation	2019 2019	23.603 23.603	Jennifer Chung Maximilian Kreibich	1
0986110 1180751 1589488	Incidence of Aortic Dissection in Turner Syndrome Interfacility Transfer of Medicare Beneficiaries With Acute Type A Aor-	Circulation Circulation Circulation	2019 2019 2019	23.603 23.603 23.603	Maximilian Kreibich Sofia Thunström Andrew B. Goldstone	0 1 1
1887080	tic Dissection and Regionalization of Care in the United States Critical Role of Cytosolic DNA and Its Sensing Adaptor STING in Aortic Degeneration, Dissection, and Rupture	Circulation	2019	23.603	Wei Luo	2
2392100 2580567	Inherited Thoracic Aortic Disease: New Insights and Translational Targets Familial Clustering of Aortic Size, Aneurysms, and Dissections in the	Circulation Circulation	2020 2020	23.603 23.603	Alexander J. Fletcher Jakob Raunsø	0
0926365	Community Acute right heart overload due to pulmonary artery obstruction caused by ruptured aortic dissection	Eur Heart J	2010	22.673	Matej Podbregar	0
1147864 1719453	Dissection in Marfan syndrome: the importance of the descending aorta Rupturing aortic dissection	Eur Heart J Eur Heart J	2010 2011	22.673 22.673	Lea Mimoun Long Jiang Zhang	15
1810861 3786859	Management of acute aortic syndromes Pulmonary artery sheath haematoma with pulmonary arterial compression: a rare complication of type A aortic dissection mistaken	Eur Heart J Eur Heart J	2011	22.673 22.673	Christoph A. Nienaber Anil Pandit	46
3999449	compression: a rare complication of type A aortic dissection mistaken for aortitis Losartan reduces aortic dilatation rate in adults with Marfan syndrome: a randomized controlled trial	Eur Heart J	2013	22.673	Maarten Groenink	72
4497342 5157111	Aortic dissection caused by intra-aortic balloon pumping Left main stem pulsation: easily missed angiographic phenomenon in acute aortic dissection	Eur Heart J Eur Heart J	2014 2014	22.673 22.673	Jose Alberto De Agustin Lukasz Kozinski	1
5173340	acute aortic dissection 2014 ESC Guidelines on the diagnosis and treatment of aortic diseases: Document covering acute and chronic aortic diseases of the thoracic and abdominal aorta of the adult. The Task Force for the	Eur Heart J	2014	22.673	Raimund Erbel	46
5538089	Diagnosis and Treatment of Aortic Diseases of the European Society of Cardiology (ESC) Infective endarteritis associated with aortic dissection underlying	Eur Heart J	2014	22.673	Yasuhide Mochizuki	1
6787436 6941202	bacterial meningitis Genotype impacts survival in Marfan syndrome FDG-PET/CT images during 5 years before acute aortic dissection	Eur Heart J Eur Heart J	2016	22.673 22.673	Romy Franken Nobuhiro Tahara	19
9020242	Successful transcatheter aortic valve-in-valve implantation in a patient having a chronic type A aortic dissection	Eur Heart J	2017	22.673	Eberhard Schulz	0
9106452 0085046	Acute aortic syndromes: diagnosis and management, an update Flow dynamics in the false lumen in distal aorta following surgery for type A aortic dissection	Eur Heart J Eur Heart J	2017	22.673 22.673	Eduardo Bossone Dhaval Desai	14
0602003 0977783	Alternative management of proximal aortic dissection: remodelling as key to success Proximal aorta longitudinal strain predicts aortic root dilation rate and	Eur Heart J Eur Heart J	2019 2019	22.673 22.673	Natzi Sakalihasan Andrea Guala	0
1220232	aortic events in Marfan syndrome Differential clinical features and long-term prognosis of acute aortic syndrome according to disease entity	Eur Heart J	2019	22.673	Jungmin Ahn	2
1226214 2413906	Integration of transthoracic focused cardiac ultrasound in the diagnostic algorithm for suspected acute aortic syndromes Heart in the heart: a critical condition of circumferential aortic	Eur Heart J Eur Heart J	2019 2020	22.673 22.673	Peiman Nazerian Chiharuko lio	2
2428930	dissection Prevention of aortic dissection and aneurysm via an ALDH2-mediated switch in vascular smooth muscle cell phenotype	Eur Heart J	2020	22.673	Kehui Yang	0
2548624	Long-term clinical outcomes of losartan in patients with Marfan syndrome: follow-up of the multicentre randomized controlled COMPARE trial	Eur Heart J	2020	22.673	Mitzi M. Van Andel	0
	Sex differences and temporal trends in aortic dissection: a population-based study of incidence, treatment strategies, and	Eur Heart J	2020	22.673	Christian Smedberg	0
	outcome in Swedish patients during 15 years					
2558879 2558885 2678910		Eur Heart J Eur Heart J	2020 2020	22.673 22.673	Nicole M. Bhave Eleni S. Nakou	0

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