

Aortic Root Surgery

[DOWNLOAD HERE](#)

1;Preface;6 2;Table of Contents ;9 3;Authors;16 4;Imaging of the aortic root;21 4.1;Perioperative imaging for assessing aortic and mitral valve diseases and surgical procedures;22 4.1.1;History;22 4.1.2;Application in cardiac surgery;23 4.1.3;Indications for iTEE;23 4.1.4;Why iTEE before cardiopulmonary bypass?;23 4.1.5;iTEE in patients undergoing mitral valve surgery;24 4.1.6;iTEE evaluation during transapical aortic valve replacement;26 4.1.7;The future;29 4.1.8;Conclusion;29 4.1.9;References;29 5;Innovations in aortic valve surgery;30 5.1;The aortic root;31 5.1.1;Introduction;31 5.1.2;The anatomic units of the aortic root;31 5.1.2.1;The aortic annulus;35 5.1.2.2;The semilunar leaflets;36 5.1.2.3;The aortic sinuses of Valsalva;36 5.1.2.4;The commissures;37 5.1.2.5;Interleaflet triangle (the trigonum);37 5.1.2.6;The sinotubular junction;37 5.1.2.7;The coronary arteries;37 5.1.3;Comments;38 5.1.3.1;Acknowledgment.;38 5.1.4;References;38 5.2;Percutaneous transluminal aortic valve replacement: The CoreValve prosthesis;40 5.2.1;History of percutaneous aortic valve replacement;40 5.2.2;Patient population;41 5.2.3;Device description and procedure;41 5.2.4;Medication;46 5.2.5;Outcomes following implantation;46 5.2.6;Conclusions;48 5.2.7;References;48 5.3;Transapical aortic valve implantation a truly minimally invasive option for high-risk patients;50 5.3.1;Introduction;50 5.3.2;The concept of transcatheter aortic valve implantation;50 5.3.2.1;Transcatheter aortic valve prostheses;51 5.3.3;Patient selection;52 5.3.3.1;Risk assessment;52 5.3.3.2;Anatomical considerations;52 5.3.3.3;Transapical or transfemoral AVI?;53 5.3.4;TA-AVI setup;53 5.3.4.1;The OR;53 5.3.4.2;The team approach;54 5.3.5;TA-AVI the procedure step by step;54 5.3.5.1;Anesthesia;54 5.3.5.2;The safety net ;54 5.3.5.3;Sizing and valve preparation;55 5.3.5.4;Surgical access to the left ventricular apex;55 5.3.5.5;Positioning of the fluoroscopic system;55 5.3.5.6;Hemodynamic management;56 5.3.5.7;Valvuloplasty and valve deployment;56 5.3.6;How to achieve optimal outcome;59 5.3.7;Postoperative care;60 5.3.8;Current results;61 5.3.9;References;62 5.4;From minimally invasive to percutaneous aortic valve replacement;64 5.4.1;Introduction;64 5.4.2;Indications;65 5.4.3;Techniques of minimally invasive aortic valve surgery;65 5.4.4;Results after minimally invasive aortic valve surgery;66 5.4.5;Percutaneous aortic valve replacement;68 5.4.6;Results

after percutaneous aortic valve replacement;70 5.4.7;Conclusions;71 5.4.8;References;72 5.5;Sutureless equine aortic valve replacement;75 5.5.1;Introduction;75 5.5.2;Operative technique;76 5.5.3;Clinical experience;79 5.5.4;Comments;79 5.5.5;References;80 6;The Ross operation: Aortic valve and root replacement with pulmonary autograft;82 6.1;Pulmonary autograft or aortic allograft for surgical treatment of activeinfective aortic valve endocarditis: a review of the literature;83 6.1.1;Results;84 6.1.1.1;The pulmonary autograft in the aortic position;84 6.1.1.2;Aortic allograft in the aortic position;85 6.1.1.3;Aortic root replacement;85 6.1.1.4;Freehand subcoronary aortic valve replacement;86 6.1.2;Comments;86 6.1.2.1;Acknowledgment.;88 6.1.3;References;88 6.2;The Ross operation: two decades of clinical experience;90 6.2.1;The German-Dutch Ross registry;92 6.2.2;Results;94 6.2.3;Discussion;97 6.2.4;Conclusions;99 6.2.5;References;100 7;Aortic valve repair and valve sparing root procedures;102 7.1;The bicuspid aortic valve;103 7.1.1;Etiology;103 7.1.2;Prevalence;104 7.1.3;Diagnosis;104 7.1.4;Classification;105 7.1.5;Complications and treatment;108 7.1.5.1;Valve-related complications;108 7.1.5.2;Aortic complications;111 7.1.6;Summary and outlook;112 7.1.7;References;112 7.2;From dynamic anatomy to conservative aortic valve surgery: the tale of the ring;116 7.2.1;Introduction;116 7.2.2;Anatomy of the aortic root;116 7.2.2.1;Descriptive an EAN/ISBN : 9783798518698 Publisher(s): Steinkopff Discussed keywords: Aorta, Gefchirurgie Format: ePub/PDF Author(s): Yankah, Abraham C. - Weng, Yu-Guo - Hetzer, Roland

[DOWNLOAD HERE](#)

Similar manuals:

[Common Twayblade *Listera Ovata*](#)

[Dark Columbine *Aquilegia Atrata* Germany](#)

[Common Spotted Orchid *Dactylorhiza Maculata = Fuchsii* - Germany](#)

[Geyers Hot Gusher Of Tatio Atacama Desert Chile](#)

[Geyers Hot Gusher Of Tatio Atacama Desert Chile](#)

[Geyers Hot Gusher Of Tatio Atacama Desert Chile](#)

[Geyers Hot Gusher Of Tatio Atacama Desert Chile](#)

[Lonely Donkey In Atacama Desert Chile](#)

[Landscape With Dry Gras In The Atacama Desert Chile](#)

[Glacier Patagonia Chile](#)

[Atacama Desert Chile](#)

[Geysers Geyser Of Tatio Atacama Wueste Chile](#)

[Geysers Geyser Of Tatio Atacama Wueste Chile](#)

[Male Guanacos Lama Guanicoe Chasing One Another - Torres Del Paine National Park - Patagonia](#)

[Guanaco Lama Guanicoe Torres Del Paine National Park - Patagonia - Chile](#)

[Reticulated Giraffe Giraffa Camelopardalis Reticulata - Samburu National Reserve - Kenya](#)

[Fighting Reticulated Giraffes Giraffa Camelopardalis Reticulata Samburu National Reserve - Kenya](#)

[Magellanic Penguins At The Shore Spheniscus Magellanicus Patagonia - Punta Arenas - Chile](#)

[Suricate Suricata Suricatta](#)

[Suricate Suricata Suricatta](#)

[Magellan Grey Fox Patagonia South America](#)

[Viola Calcarata](#)

[Viola Calcarata](#)

[Vegatable Burger](#)

[Vegatable Burger](#)

[Branch With Leaves Of Maple Acer Pseudoplatanus In The Forest In Autumn Rieslochfaelle Bayerischer Wald Lower Bavaria Germany](#)

[Trees Spruce Picea Abies Maple Acer Pseudoplatanus With Yellow Leaves Of Autumn Bavarian Alps Upper Bavaria Germany](#)

[Tree Maple Acer Pseudoplatanus With Yellow Leaves Of Autumn Bavarian Alps Upper Bavaria Germany](#)

[Enzian Gentian Gentiana Ciliata Bavarian Alps Upper Bavaria Germany](#)

[Closeup Of A Cross Gentian Gentiana Crucjata](#)

[Chafer Cetonia Aurata On A Rose Leaf](#)

[Lady Bird Coccinella Septempunctata](#)

[Stubaital Stubai Valley Tyrol Austria Grawa Cataract Waterfall](#)

[Himalayan Primrose Primula Denticulata](#)

[Siberian Iris - Iris Sibirica - Black-veined White Aporia Crataegi - Germany](#)

[Red Admiral Vanessa Atalanta Germany](#)

[Red Admiral Vanessa Atalanta Germany](#)

[Four-Spotted Skimmer Libellula Quadrimaculata](#)

[Adult Hooded Seal Cystophora Cristata Lying On Packice, Isles De La Madeleine, Madeleine Islands](#)

[Flying Pollen Orchardgrass Dactylis Glomerata Germany](#)

[Violets Viola Odorata In A Spring Forest With Beech Trees](#)

[Violets Viola Odorata In A Spring Forest With Beech Trees](#)

[Autumncolors In The Eng, Austria, Maple Tree, Acer Pseudoplatanus](#)

[Autumncolors In The Eng, Austria, Maple Tree, Acer Pseudoplatanus](#)

[Autumncolors In The Eng, Austria, Maple Tree, Acer Pseudoplatanus](#)

[Autumncolors In The Eng, Austria, Maple Tree, Acer Pseudoplatanus](#)

[Home Killed Only Sign Ata Butchery In Salisbury Wiltshire England](#)

[Boy Staneing Under Giant Rhubarb Gunnera Manicata](#)

[Two Boys With Cameras Standing Under Giant Rhubarb Gunnera Manicata](#)

[Star Magnolia - Magnolia Stellata](#)