Contents

Contributors xv
Abbreviations xvii

- 1 Ultrasound in Lund—three world premieres 1 Håkan Westling
- The development of echocardiography in Sweden 8 Stig Persson, Jan Eskilsson, and Nils-Rune Lundström
- Ultrasound in cardiology—state of the art *21 Fausto J. Pinto*
- Ultrasound in paediatric cardiology—state of the art *33 Luc L. Mertens*
- The development of echoencephalography in Sweden *43 Leif G. Salford*
- The development of ultrasound in obstetrics and gynaecology in Sweden 50 Karel Maršál and Bertil Sundén
- A history of ultrasound in obstetrics and gynaecology *63* Stuart Campbell
- 8 Eugene Strandness and the development of Doppler ultrasound in vascular disease 81

 David S. Sumner and Kirk W. Beach
- The development of ultrasound in vascular disease in Sweden 95 Tomas Jogestrand and Olav Thulesius
- Ultrasound in vascular disease—state of the art 106 Kimon Bekelis and Nicos Labropoulos
- The development of ultrasound in radiology in Sweden *121 Torbjörn Andersson*
- **12** The early development of diagnostic ultrasound in Denmark 129 *Jørgen Jørgensen*
- Ultrasound in radiology—state of the art 137 David O. Cosgrove
- Use of contrast in ultrasound 153 Tomas Jansson and Anders Nilsson
- The development of ultrasound in ophthalmology *161 Karl C. Ossoinig*

- **16** The development of ultrasound in otorhinolaryngology 172 Pernilla Sahlstrand Johnson and Magnus Jannert
- **17** The industrial development of ultrasound—a Swedish perspective 178 Gunnar Arveheim

Appendix: 'The Use of Ultrasonic Reflectoscope for the Continuous Recording of the Movements of Heart Walls.'—The original paper by Edler and Hertz (1954) 189

Index 209