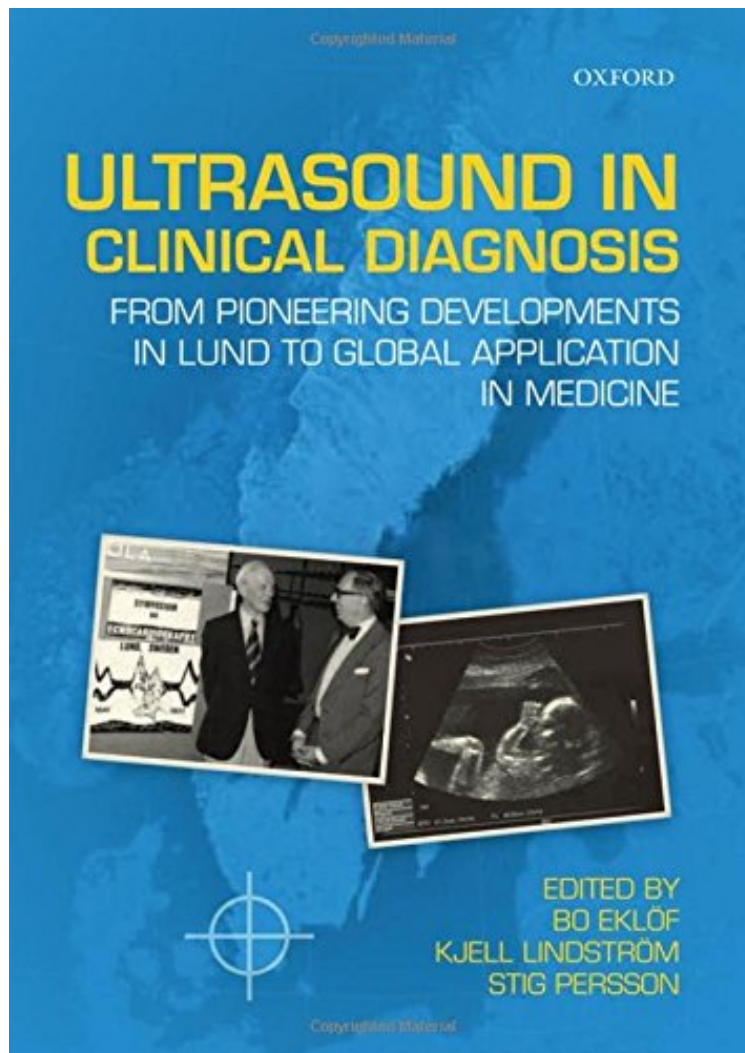


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Ultrasound in Clinical Diagnosis: From pioneering developments in Lund to global application in medicine

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From Oxford University Press : Ultrasound in Clinical Diagnosis: From pioneering developments in Lund to global application in medicine before purchasing it in order to gauge whether or not it would be worth my time, and all praised Ultrasound in Clinical Diagnosis: From pioneering developments in Lund to global application in medicine:

On October 29th 1953 in Lund, Sweden, Inge Edler, cardiologist, and Hellmuth Hertz, physicist, performed the first

successful Ultrasonocardiogram (UCG), later renamed Echocardiogram. A few weeks later, on December 16th, the neurosurgeon Lars Leksell diagnosed an intracranial bleeding in a 16-month-old boy using the same equipment, and Echoencephalography was born. The Lundensian obstetrician Bertil Sunden was in 1962 able to take the first ultrasound picture of twins in pregnancy. These three world premieres at the Lund University were the foundation for the tremendous development of diagnostic ultrasound. Before it is too late, the history in Lund will be told, and with this history as background *Ultrasound in Clinical Diagnosis* brings together some of the leading ultrasound experts of today to bring us up to date with the use of ultrasound in its ever-increasing importance for diagnosis in many areas of medicine. Peter Wells writes in his Foreword that "this fascinating book serves more than one purpose: it is an historical record of the pioneering developments in clinical ultrasonic diagnosis that took place in Lund... what we now recognise as one of the greatest medical innovations of the twentieth century... Besides its historical content, this book also includes scholarly reviews of the state-of-art in adult and paediatric cardiology, obstetrics and gynaecology, vascular disease in several countries and, primarily from technical perspective, radiology, as well as an overview of contrast studies". Other chapters describe the development in ophthalmology and oto-rhino-laryngology as well as the industrial development of ultrasound equipment. This book will be valuable and interesting to those who are interested in the development of ultrasound diagnosis in medicine.

After reading this book, one has obtained a fantastic review of the almost 60 year history of ultrasound diagnosis. The description of the pioneers incredible dedication and imagination are fascinating reading. The many state-of-the-art chapters make the book very topical for colleagues dedicated to working with ultrasound diagnosis, no matter in what area it might be. The book also gives those who have worked with ultrasound within one specialty an opportunity to gain insight into what happens in other specialties. The book is easy to read and well illustrated. I give it my warm recommendations. * ACTA Obstetricia et Gynecologica * This is a fascinating account of the development of ultrasound from the pioneering days in Lund, Sweden. The collaboration between Inge Edler and Hellmuth Hertz paved the way for the development of the 'ultrasound reflectoscope', based on Edler's idea that radar based techniques might be used to examine the heart. This 200-plus page book describes the evolution of ultrasound as a diagnostic tool from its humble, often serendipitous, beginnings to the present day. It offers a comprehensive overview of the history of ultrasound in diagnosis. * RAD * About the Author Bo Eklof is Clinical Professor Emeritus of surgery at the University of Hawaii and Lund University in Sweden. Kjell Lindstrom is Professor Emeritus, Department of Electrical Measurements, Lund Institute of Technology, Lund University in Sweden. Stig Persson is an Associate Professor of Cardiology at Lund University in Sweden.