

Contents

Part I Medical and Public Health Needs of a Rural Health Center

- 1 Characteristics of a Rural Health Center 3**
Marlen Perez-Diaz, Consuelo Varela Corona and Cari Borrás
- 2 Medical Imaging Needs in a Rural Health Center
from a Clinical Point of View. 7**
José Luis Rodríguez Monteagudo

Part II Medical Imaging Modalities

- 3 Medical Imaging Equipment Characteristics
at the Health Center Level: Overview 43**
William Hendee
- 4 Technical Specifications of Medical Imaging Equipment 49**
Kwan Hoong Ng, Jeannie Hsiu Ding Wong and Sock Keow Tan

Part III Planning a Medical Imaging Service

- 5 Equipment and Physical Infrastructure. 77**
Cari Borrás and K. Siddique-e Rabbani
- 6 Basic Training and Continuing Education of Technical
Staff in Rural Health Centers. 95**
Slavik Tabakov
- 7 Tele-Imaging and Networking 105**
K. Siddique-e Rabbani and Trevor D. Craddock

Part IV Operational Considerations

8 Quality Control, Radiation Safety and Maintenance Programs	119
Cari Borrás	
9 Patient Referral to Secondary and Tertiary Health Care Levels	135
Cari Borrás and Patrick Cadman	
Erratum to: Technical Specifications of Medical Imaging Equipment	E1
Kwan Hoong Ng, Jeannie Hsiu Ding Wong and Sock Keow Tan	
Recommendations Made by the Participants of the Workshop “Defining the Medical Imaging Requirements of a Health Station”, Porto Alegre, Brazil, April 2011	147

Defining the Medical Imaging Requirements for a Rural
Health Center

Borras, C. (Ed.)

2017, XIV, 150 p. 53 illus., 31 illus. in color., Hardcover

ISBN: 978-981-10-1611-0