

1. Record Nr.	UNINA9910826140603321
Autore	Alazzeah Mohanad
Titolo	Sagittal Balance of the Spine : From Normal to Pathology: A Key for Treatment Strategy // by: Roussouly, Pierre, Pinheiro-Franco, João Luiz, Labelle, Hubert, Gehrchen, Martin
Pubbl/distr/stampa	New York, New York : , : Thieme, , [2019] ©2019
ISBN	1-63853-496-9 1-62623-733-6
Descrizione fisica	1 online resource (258 pages)
Disciplina	616.73
Soggetti	Spondylolisthesis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Historical background of spinal sagittal balance / Pierre Roussouly and Nishant Nishant -- The acquisition of human verticality / Christine Tardieu and Martin Haeusler -- From the head to the feet : anatomy of the upright position / Jean Marc Vital, Jacques Senegas, and Jean-Etienne Castelain -- Modeling of the spine / Carl-Eric Aubin and Xiaoyu Wang -- Sagittal balance : the main parameters / Joao Luiz Pinheiro-Franco and Pierre Roussouly -- Spinal curves segmentation and lumbar lordosis classification / Amer Sebaaly and Pierre Roussouly -- Normative values of sagittal balance in children and adults / Jean-Marc Mac-Thiong and Fethi Laouissat -- Sagittal balance in the elderly / Martin Gehrchen -- Local stresses : segmental mechanism of low back pain and degeneration. Stresses according to spinal orientation - contact forces theory / Pierre Roussouly and Amer Sebaaly -- Mechanisms of spinal degeneration according to spinopelvic morphotypes / Joao Luiz Pinheiro-Franco and Pierre Roussouly -- Sagittal imbalance compensatory mechanisms / Martin Gehrchen -- Isthmic lytic spondylolisthesis : the physiopathology, classification, and treatment better explained by the sagittal balance / Hubert Labelle, Jean-Marc Mac-Thiong, Stefan Parent, and Pierre Roussouly -- Degenerative spondylolisthesis : does the sagittal balance matter? / Cedric Y. Barrey, Charles Peltier, Amir El Rahal, and Pierre Roussouly --

Degenerative (aging) spine : a challenge for contemporaneous societies / J.C. Le Huec, W. Thompson, A. Leglise, M. Petit, and T. Cloche -- Scheuermann's kyphosis / Stefan Parent, Abdulmajeed Alzakri, and Hubert Labelle -- Cervical sagittal alignment and cervicarthrosis / Darryl Lau and Christopher P. Ames -- Advantages and limitations of the SRS-Schwab classification for adult spinal deformity / Hideyuki Arima, Leah Y. Carreon, and Steven D. Glassman -- Specificities in growing spine / Shahnawaz Haleem and Colin Nnadi -- Sagittal balance incidence on treatment strategy in AIS / Stephan Parent -- From pathological to normal shapes in adult scoliosis / Pierre Rousouly and Amer Sebaaly -- Sagittal balance treatment strategy in a posterior approach / Fethi Laouissat and Pierre Rousouly -- Adult scoliosis treatment with an anterior approach / Anthony M. DiGiorgio, Mohanad Alazzeah, and Praveen V. Mummaneni -- Techniques for spine osteotomies and clinical applications / Ibrahim Obeid and Derek T. Cawley -- Surgical failures mechanisms and their treatment / Pierre Rousouly, Hyoungmin Kim, Amer Sebaaly, and Daniel Chopin.
