

1 Clinical Evaluation of Labor and Intrapartum Sonography	1
Thomas Popowski and Patrick Rozenberg	
2 General Intrapartum Sonography Setup and Use in Labor	15
Miguel Angel Barber, Francisca S. Molina, Margarita Medina, Azahar Romero, and Jose A. Garcia-Hernandez	
3 The Use of Two-Dimensional (2D) and Three-Dimensional (3D) Ultrasound in the First Stage of Labor	29
Ariel L. Zimmerman	
4 Intrapartum Sonography and Labor Progression	41
Torbjørn Moe Eggebø and Kjell Åsmund Salvesen	
5 Occiput Posterior Position and Intrapartum Sonography	61
Antonino F. Barbera, Andrea Tinelli, Elena Pacella, and Antonio Malvasi	
6 Asynclitism: Clinical and Intrapartum Diagnosis in Labor	73
Antonino F. Barbera, Andrea Tinelli, and Antonio Malvasi	
7 The Angle of Progression: An Objective Assessment of Fetal Head Descent in the Birth Canal	87
Antonino F. Barbera	
8 Head Rotation in Labor and Intrapartum Sonography Diagnosis with 2D and 3D	101
Tullio Ghi, Aly Youssef, Elisa Maroni, Gianluigi Pilu, and Nicola Rizzo	
9 Intrapartum Translabial Ultrasound (ITU) to Assess Birth Progress	109
Boris Tutschek, Thorsten Braun, Frederic Chantraine, and Wolfgang Henrich	

10	Use of Cervical Length in Labor and Delivery	119
	Sushma Potti, Gian Carlo Di Renzo, and Vincenzo Berghella	
11	Intrapartum Sonography and Clinical Risk Management	133
	Andrea Tinelli, Sarah Gustapane, Francesco Giacci, Domenico Dell'Edera, and Antonio Malvasi	
12	New Technologies for Monitoring Labor Progress	149
	Dan Farine, Drorith Hochner-Celnikier, Yoav Paltieli, and Mario Bochicchio	
13	Fetal Progression in Birth Canal: State of the Art	159
	Anna Maria Dückelmann and Karim D. Kalache	
	Index	183
	Acknowledgment	189