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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Front matter -- Introduction / Farine, Dan -- Contents -- List of contributors -- 1. The history of new devices and technology on the labor floor / Horgan, Richard / Farine, Dan -- 2. Electrical uterine activity monitoring: when physiology meets clinical setup / Rosen, Hadar / Yogev, Yariv -- 3. A novel automatic birth monitoring method and system / Hochner-Celnikier, Drorith / Cohen, Simon S. -- 4. An ultrasonic real-time assessment of labor progress / Bimson, Brianne / Rosenn, Barak -- 5. The LaborPro system: non-invasive, ultrasound-based determination of labor parameters / Paltieli, Yoav / Sammour, Rami -- 6. Systems for computer analysis of intrapartum fetal heart rate signals / Ayres-de-Campos, Diogo / Nunes, Inês -- 7. Abdominal fetal electrocardiography: the way forward? / D'Souza, Rohan / Van Mieghem, Tim / Amer-Wählin, Isis -- 8. Analysis of the ST segment of the fetal electrocardiogram in labor / Van Mieghem, Tim / D'Souza, Rohan / Amer-Wählin, Isis -- 9. The Odón device / Carmona, Sergio / Schwartzman, Javier / Krupitzki, Hugo / Di Renzo, Gian Carlo -- 10. Intrapartum ultrasound assessment of fetal head position and station for delivery management / Dückelmann, Anna Maria / El-Chaar, Darine / Kalache, Karim D. -- Index
Sommario/riassunto	Different technologies have been introduced to improve management of labor. To date there is no single text that aims at covering all these

technologies that address different problems and issues in labor management. The book reviews new technologies and devices aimed to improve labor management and outcomes. These diverge between looking at a better way to use fetal heart rate monitors (that are used in 90% of labours); using new monitors to detect the

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