

1. Record Nr.	UNINA9910346769603321
Autore	Hempel Philipp
Titolo	Constitutive modeling of amorphous thermoplastic polymers with special emphasis on manufacturing processes
Pubbl/distr/stampa	KIT Scientific Publishing, 2016
ISBN	1000056493
Descrizione fisica	1 online resource (XX, 184 p. p.)
Collana	Schriftenreihe des Instituts für Mechanik, Karlsruher Institut für Technologie
Soggetti	Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book deals with the development of constitutive models for the mechanical behavior of amorphous thermoplastic polymers at large strains. A special emphasis lies on the temperature dependency so that the altered material behavior at high temperatures can be considered. To implement the developed constitutive models the software tool AceGen is used by which program code is generated and optimized as well as derivatives are calculated automatically.

2. Record Nr.	UNINA9910337488703321
Titolo	Comprehensive healthcare simulation : obstetrics and gynecology // edited by Shad Deering, Tamika C. Auguste, Dena Goffman
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-98995-2
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (207 pages)
Collana	Comprehensive Healthcare Simulation, , 2366-4479
Disciplina	618.076
Soggetti	Obstetrics Anesthesiology Obstetrics/Perinatology/Midwifery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	PART I. INTRODUCTION TO SIMULATION FOR OBSTETRICS AND GYNECOLOGY -- Ch 1. The History of Simulation in Obstetrics and Gynecology -- Ch 2. Simulation Education Theory -- Ch 3. Essentials of Scenario Building -- Ch 4. Essentials of Debriefing and Feedback -- Ch 5. Communication and Teamwork Training in Obstetrics and Gynecology -- Ch 6. Competency Assessment in Simulation-based Training: Educational Framework and Optimal Strategies -- Ch 7. Licensure, Certification and Credentialing -- Ch 8. Simulation and Patient Safety in Obstetrics and Gynecology -- Ch 9. The Why, Who, What and Where to Implement a Simulation Program in Obstetrics and Gynecology -- PART II. SIMULATION MODALITIES AND TECHNOLOGIES IN OBSTETRICS AND GYNECOLOGY SIMULATION -- Ch 10. Standardized Patients and Gynecological Teaching Associates -- Ch 11. Simulation Modalities for Obstetrics and Gynecology -- PART III. SIMULATION OF OBSTETRICS -- Ch 12. Fundamental Obstetric Procedures -- Ch 13. Practical Approaches to Simulating Obstetric Emergencies -- Ch 14. Obstetric Critical Care -- Ch 15. Obstetric Ultrasound Guided Invasive Procedure Simulation -- PART IV. SIMULATION OF GYNECOLOGY -- Ch 16. Basic Gynecologic Encounters and Procedures -- Ch 17. Surgical Simulation in Gynecology -- PART V. OBSTETRICS AND GYNECOLOGY SIMULATION FOR GLOBAL HEALTH -- Ch 18. Obstetrics and Gynecology

Sommario/riassunto

This practical volume presents an overview for the use of simulation in obstetrics and gynecology. Chapters provide an introduction to simulation for OBGYN, simulation modalities and technologies, minimally invasive surgery, invasive obstetric procedures, simulation for global health, and the future of simulation for obstetrics and gynecology. Written and edited by leaders in the field, *Comprehensive Healthcare Simulation: Obstetrics and Gynecology* offers a variety of learners, including medical students, residents, practicing pediatricians, and health-related professionals, a comprehensive and easy-to-read guide on the use of simulation. This book is part of the *Comprehensive Healthcare Simulation Series* which provides focused volumes on the use of simulation in a single specialty or on a specific simulation topic and emphasizes practical considerations and guidance.
