

1. Record Nr.	UNINA990004115760403321
Autore	Aristoteles <384-322 a. C.>
Titolo	Analytica posteriora : translatio anonyma Analitica posteriora : Gerardo Cremonesi interprete / Aristoteles ; edidit Laurentius Minio-Paluello
Pubbl/distr/stampa	Bruges ; Paris : Desclée De Brouwer, 1953-1954
Titolo uniforme	Analytica posteriora <in latino>
Descrizione fisica	v. ; 26 cm
Collana	Corpus Philosophorum Medii Aevi / Accademiatarum Consociatarum auspicii et consilio editum , Aristoteles latinus ; 4.2-3
Disciplina	880
Locazione	FLFBC
Collocazione	P2B-610-ARISTOT.-401L(2)-1953 P2B-610-ARISTOT.-401L(2bis)-1953 P2B-610-ARISTOT.-401L(3)-1954 P2B-610-ARISTOT-401L(3bis)-1954
Lingua di pubblicazione	Latino
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910506376903321
Titolo	Image guided interventions of the spine : principles and clinical applications / / Majid Khan, Sergiy V. Kushchayev, Scott H. Faro, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-80079-2
Descrizione fisica	1 online resource (395 pages)
Disciplina	617.56059
Soggetti	Spine - Surgery Columna vertebral Cirurgia Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Acknowledgments -- Contents -- Editors and Contributors -- Editors -- Contributors -- 1: A Brief History of Image-Guided Spinal Interventions -- Introduction -- Image-Guided Approaches to the Spine -- Chemonucleolysis -- Laser Discectomy -- Thermal Intradiscal Procedures -- Percutaneous Vertebroplasty and Kyphoplasty -- Conclusions -- References -- 2: Imaging Osseoligamentous Spine Anatomy -- Clinical Anatomy -- Cervical Spine -- Thoracic Spine -- Lumbar Spine -- Imaging Techniques: Key Features -- Radiographs -- Computed Tomography (CT) -- CT Myelography -- Magnetic Resonance Imaging -- Imaging Anatomy -- Bone Marrow -- Vertebral Body End Plates -- Intervertebral Discs -- Articulations and Joints -- Ligamentum Flavum -- Anterior Longitudinal Ligament -- Posterior Longitudinal Ligament -- Other Important Ligaments -- Normal T1-Weighted MR Imaging Spinal Anatomy -- Normal T2-Weighted MR Imaging Spinal Anatomy -- CT Myelography of the Spine -- Artifacts -- Conclusions -- References -- 3: Thoracolumbar Spinal Arterial Anatomy, with Special Consideration Given to Spine Intervention -- Introduction -- Spinal Arterial System -- The Intersegmental Artery -- Muscular Branches -- Implication for Spine

Intervention -- The Arterial Supply of the Spinal Cord -- Extrinsic Circulation -- Implication for Spine Intervention -- Intrinsic Circulation -- Implications for Spine Intervention -- The Osseous Vascularization -- Anterolateral Osseous Arteries -- Posteromedian Osseous Arteries -- Vascularization of the Posterior Arch -- Intraosseous Arterial Architecture -- The Vertebral Blush and Its Evolution with Age -- Implications for Spine Intervention -- Brief Case Illustrations -- References -- 4: Osteoporosis Management with Focus on Spine -- Screening for Osteoporosis. Recommended Bone Mineral Density (BMD) Testing Based on the Official Positions by ISCD (2019) (<https://www.iscd.org/official-positions/2019-iscd-official-positions-adult/>) -- Review of Anti-osteoporosis Medication and How to Choose the Appropriate Medication -- Mechanism of Action (see Fig. 4.1) -- Bisphosphonates (BPs) -- Denosumab (Dmab) -- Teriparatide -- Abaloparatide -- Romosozumab -- Effect of BMD on Spinal Surgery Outcome: Optimization of Spinal BMD Before Spinal Surgery and Postsurgical Management of Osteoporosis -- Evaluation Before Antiresorptive Therapy Initiation -- Osteoporosis Management -- Postmenopausal Osteoporosis Management -- Osteoporosis Management in Patients with Chronic Kidney Disease (CKD) -- Osteoporosis in Patients on Chronic Glucocorticoid (GC) Therapy -- Monitoring the Effect of Anti-osteoporosis Therapy -- Management of Bone Health in Malignancy (Multiple Myeloma and Solid Cancers) with and without Bone Involvement -- Multiple Myeloma -- Breast Cancer -- Prostate Cancer -- Other Solid Tumors (Other than Breast and Prostate Cancers) -- Non-pharmacological Treatment of Low BMD -- Summary -- References -- 5: Perioperative Period -- Introduction -- Preoperative -- History -- Physical -- Laboratory Testing -- Consults -- Perioperative Risk Assessment -- Preoperative Fasting -- Intraoperative -- Analgesia -- Safety and Monitoring -- Postoperative -- References -- 6: Percutaneous Cement Augmentation for Benign Vertebral Pathology -- Introduction and Epidemiology -- Imaging of Vertebral Compression Fractures -- Plain Radiographs -- Computed Tomography -- Magnetic Resonance Imaging -- Dual-Energy (DE) CT -- Bone Scan -- Indications and Contraindications for Vertebroplasty and Kyphoplasty -- Preoperative Evaluation -- Procedure -- Equipment -- Cement -- Technique -- Anatomy and Approaches -- Complications -- Follow-Up Care. Evidence-Based Support and Controversies -- Beyond Osteoporotic Compression Fractures -- References -- 7: Percutaneous Vertebroplasty for Aggressive Vertebral Hemangiomas -- Introduction -- Classification -- Pathology -- Keys to Diagnosis -- Typical (Nonaggressive) Hemangiomas -- Atypical Hemangiomas -- Aggressive Hemangiomas -- Epithelioid Hemangiomas -- Treatment Options -- Vertebroplasty -- Management -- References -- 8: Sacral Augmentation: Comprehensive Review -- Introduction and Epidemiology -- Denis Classification -- Imaging of Sacral Fractures -- Indications and Contraindications for Sacroplasty -- Preoperative Evaluation -- Sacroplasty Procedure -- Short-Axis Posterior Approach for Sacroplasty -- Long-Axis Posterior Approach for Sacroplasty -- Follow-Up Care -- Complications -- Evidence-Based Support and Controversies -- References -- 9: Percutaneous Vertebroplasty: Unwanted Reactions, Incidents, and Complications -- Unwanted Reactions -- Transient Fever -- Transient Local Pain -- Cardiovascular Reactions -- Incidents -- Paravertebral Cement Spills -- Intradiscal Cement Spills -- Epidural Spills -- Complications -- Epidural Cement Leakage -- Radiculopathy -- Embolism -- Infection -- Miscellaneous

Complications -- References -- 10: Neuroimaging for Spine Metastasis -- Background -- Imaging of Spinal Metastasis -- Conventional Spine Imaging -- Advanced MR Imaging-Diffusion-Weighted Imaging (DWI) -- Advanced MR Imaging-Perfusion Imaging -- Advanced MR Imaging-Opposed-Phase MR Imaging -- Advanced MR Imaging-Dixon Technique -- Posttreatment Imaging Options -- Conventional MRI -- Advanced MR Imaging-DWI -- Advanced MR Imaging-Perfusion MRI -- Advanced MR Imaging-Opposed-Phase Imaging -- Imaging in the Posttreatment Setting -- Conclusion -- References -- 11: Malignant Spinal Osseous Lesions and Vertebral Augmentation -- Pathogenesis -- Pain. Cancer-Induced Pain -- Radicular Pain -- Axial Pain -- Malignant Spinal Lesions: Metastases of Solid Tumors -- Prostate Cancer -- Breast Cancer -- Lung Cancer -- Renal Cancer -- Thyroid Cancer -- Malignant Spinal Lesions: Myeloma -- Imaging of Malignant Metastatic Lesions -- Preoperative Imaging -- Treatment Response -- Percutaneous Augmentation via Percutaneous Vertebroplasty: The Concept -- References -- 12: Image-Guided Spine Tumor Ablation: Where Do We Stand? -- Introduction -- General Principles -- Tumor Ablation Goals -- Thermal Ablation Modalities -- Radiofrequency Ablation -- Cryoablation -- Microwave Ablation -- Vertebral Augmentation -- Patient Selection Guidelines -- Thermal Protection -- Complications -- Conclusion -- References -- 13: Percutaneous Cement Augmentation for Malignant Lesions: Metastases and Multiple Myeloma -- Cements and Alternatives -- Perioperative Considerations -- Indications for Cement Augmentation -- Patient Selection -- Techniques for Cement Augmentation -- Vertebroplasty -- Kyphoplasty -- Radiofrequency-Targeted Vertebral Augmentation -- Expandable Implant Vertebral Augmentation -- Complications of Cement Augmentation -- Cement Extravasation -- Adjacent-Level Fractures -- Outcomes -- References -- 14: Advanced Oncologic Spine Imaging -- Introduction -- Conventional and Advanced Oncologic Spine Imaging -- Conventional MR Imaging -- Perfusion MR Imaging -- Diffusion-Weighted MR Imaging -- Computed Tomography -- Nuclear Bone Scintigraphy and Positron Emission Tomography -- Multidisciplinary Management of Osseous Metastatic Disease -- Evidence-Based Treatment Algorithms -- Radiation Therapy and Spine Surgery -- Radiologic Assessment -- Conclusion -- References -- 15: Percutaneous Spinal Tumor Management -- Common Spine Tumors Undergoing Interventional Treatments -- Patient Evaluation. Indications and Contraindications -- Anesthesia and Imaging Guidance -- Interventional Techniques -- Thermal Ablation Techniques -- Ancillary Thermoprotective Measures -- Vertebral Augmentation -- Procedural Steps -- Intraoperative Challenges -- Complications -- Clinical Follow-Up -- Expected Results -- References -- 16: Stereotactic Radiosurgery for Vertebral Metastases -- Introduction and Epidemiology -- Anatomy and Historical Perspective -- Spinal Metastasis: Management Approach -- Radiological Assessment -- Oligometastatic Disease -- Spine Metastasis and Stereotactic Radiosurgery -- Patient Selection for Spinal SRS -- Histology -- Clinical Application of Spinal Stereotactic Radiosurgery/Stereotactic Body Radiotherapy -- Primary Treatment in Unirradiated Patients -- Postoperative SBRT -- Reirradiation Utilizing SBRT -- Treatment -- Target Volume Definition per the Radiation Therapy Oncology Group (RTOG) 0631 and International Spine Radiosurgery Consortium Consensus Guidelines [47, 48] -- Toxicities and Management -- Pain Flare -- Post-SBRT Vertebral Compression Fractures -- Radiation Myelopathy -- Follow-Up and Response Assessment -- Future

Directions -- References -- 17: Spontaneous Intracranial Hypotension and Cerebral Spinal Fluid Leak Overview -- Introduction -- Clinical -- Headache -- Other Associated Symptoms -- Diagnostic Criteria for SIH -- Differential Diagnosis of Orthostatic Headache -- Pathogenesis of CSF Leak -- Dural Defects/Tears -- CSF-Venous Fistulas -- Brain Imaging in SIH -- Dural Enhancement -- Brain Sagging -- Venous Distention -- Subdural Collections -- Pituitary Engorgement -- Spinal Imaging -- Initial Imaging Study -- Problem-Solving Imaging Studies -- Treatment -- Conservative Treatment -- Epidural Blood Patch -- Rebound Intracranial Hypertension -- Conclusion -- References.
18: Conventional Image-Guided Interventions for Painful Back.

3. Record Nr.	UNINA9910300157203321
Autore	Olive David J
Titolo	Statistical Theory and Inference / / by David J. Olive
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-04972-0
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XII, 434 p. 8 illus.) : online resource
Disciplina	519.24
Soggetti	Statistics Probabilities Statistical Theory and Methods Probability Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Probability and Expectations.- Multivariate Distributions -- Exponential Families.- Sufficient Statistics.- Point Estimation I.-Point Estimation II -- Testing Statistical Hypotheses.- Large Sample Theory.- Confidence Intervals.- Some Useful Distributions -- Bayesian Methods -- Stuff for Students.
Sommario/riassunto	This text is for a one semester graduate course in statistical theory and covers minimal and complete sufficient statistics, maximum likelihood estimators, method of moments, bias and mean square

error, uniform minimum variance estimators and the Cramer-Rao lower bound, an introduction to large sample theory, likelihood ratio tests and uniformly most powerful tests and the Neyman Pearson Lemma. A major goal of this text is to make these topics much more accessible to students by using the theory of exponential families. Exponential families, indicator functions and the support of the distribution are used throughout the text to simplify the theory. More than 50 "brand name" distributions are used to illustrate the theory with many examples of exponential families, maximum likelihood estimators and uniformly minimum variance unbiased estimators. There are many homework problems with over 30 pages of solutions.
