1. Record Nr.   UNISA996466175203316

   Titolo   Clinical Image-Based Procedures. From Planning to Intervention
                    [[electronic resource]] : International Workshop, CLIP 2012, Held in
                    Conjunction with MICCAI 2012, Nice, France, October 5, 2012, Revised
                    Selected Papers / / edited by Klaus Drechsler, Marius Erdt, Marius
                    George Lingurau, Cristina Oyarzun Laura, Karun Sharma, Raj Shekhar,
                    Stefan Wesarg

   Pubbl/distr/stampa Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer,
                    , 2013

   ISBN   3-642-38079-4

   Edizione   [1st ed. 2013.]

   Descrizione fisica 1 online resource (X, 132 p. 59 illus.)

   Collana   Image Processing, Computer Vision, Pattern Recognition, and Graphics ;
                    ; 7761

   Classificazione SS 4800

   Disciplina   616.0754

   Soggetti   Computer vision
                    Pattern recognition systems
                    User interfaces (Computer systems)
                    Human-computer interaction
                    Computer graphics
                    Image processing - Digital techniques
                    Computer simulation
                    Computer Vision
                    Automated Pattern Recognition
                    User Interfaces and Human Computer Interaction
                    Computer Graphics
                    Computer Imaging, Vision, Pattern Recognition and Graphics
                    Computer Modelling

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Nota di bibliografia Includes bibliographical references and index.

   Nota di contenuto Head Motion Compensation for Arterial Spin Labeling Using Optical
                    Motion Tracking -- Intervention Planning of Hepatocellular Carcinoma
                    Radio-Frequency Ablations -- A Flexible Surgical Tool Localization
                    Using a 3D Ultrasound Calibration System for Fetoscopic Tracheal

Occlusion (FETO) -- Analysis of Structural MRI Data for the Localisation of Focal Cortical Dysplasia in Epilepsy -- Automatic Detection and Quantification of Mitral Regurgitation on TTE with Application to Assist Mitral Clip Planning and Evaluation -- A Prospective Evaluation of Computer-Assisted Deep Brain Stimulation Trajectory Planning -- Method for 3D-2D Registration of Vascular Images: Application to 3D Contrast Agent Flow Visualization -- Towards Automatic Path Planning for Multi-Port Minimally-Traumatic Lateral Skull Base Surgery -- Automated Segmentation and Anatomical Labeling of Abdominal Arteries Based on Multi-organ Segmentation from Contrast-Enhanced CT Data -- Technical Evaluation of a Third Generation Optical Pose Tracker for Motion Analysis and Image-Guided Surgery -- Personalized Surgical Planning to Support Interventions and Training of Surgeons: Biomodels for Planning and Guiance -- Ultrasound B-Mode Segmentation for Registration with CT in Percutaneous Hepatic Interventions -- Computer-Based Quantitative Assessment of Skull Morphology for Craniosynostosis -- Intra-patient Non-rigid Registration of 3D Vascular Cerebral Images -- Comparison of Rigid Registration Methods in Four Clinical Scenarios -- Differences in Radiotherapy Delivery and Outcome Due to Contouring Variation.

Sommario/riassunto	This book constitutes the thoroughly refereed post-workshop proceedings of the International Workshop on Clinical Image-based Procedures: From Planning to Intervention, CLIP 2012, held in Nice, France, in conjunction with the 15th International Conference on Medical Image Computing and Computer-Assisted Intervention, MICCAI 2012. This successful workshop was a productive and exciting forum for the discussion and dissemination of clinically tested, state-of-the-art methods for image-based planning, monitoring and evaluation of medical procedures. The 16 papers presented in this volume were carefully reviewed and selected from 24 submissions.