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Nota di contenuto	Intro -- Additional Editors -- CLIP Preface -- CLIP Organization -- FAIMI Preface -- FAIMI Organization -- EPIMI Preface -- EPIMI Organization -- Contents -- CLIP -- Automated Hand Joint Classification of Psoriatic Arthritis Patients Using Routinely Acquired Near Infrared Fluorescence Optical Imaging -- 1 Introduction -- 2 Background -- 3 Method -- 4 Results -- 5 Discussion and Future Work -- References -- Automatic Neurocranial Landmarks Detection from Visible Facial Landmarks Leveraging 3D Head Priors -- 1 Introduction -- 2 Methods -- 2.1 Datasets and Preprocessing -- 2.2 Models Training and Evaluation -- 3 Experimental Results -- 3.1 Neurocranial Landmark Coordinates Prediction -- 3.2 3DMM Validation -- 3.3 Ablation Study -- 4 Discussion and Conclusions -- References -- Subject-Specific Modelling of Knee Joint Motion for Routine Pre-operative Planning -- 1 Introduction -- 2 Method -- 2.1 Contact Surface Model of PF and TF Joint -- 2.2 Computation of Knee Flexion Angle -- 2.3 Matching Tibia and Patella Poses -- 3 Experiments and

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Sommario/riassunto

This book constitutes the refereed proceedings of the 12th International Workshop on Clinical Image-Based Procedures, CLIP 2023, the First MICCAI Workshop on Fairness of AI in Medical Imaging, FAIMI 2023, held in conjunction with MICCAI 2023, in October 2023, and the Second MICCAI Workshop on the Ethical and Philosophical Issues in Medical Imaging, EPIMI 2023. CLIP 2023 accepted 5 full papers and 3 short papers form 8 submissions received. It focuses on holistic patient models for personalized healthcare with the goal to bring basic research methods closer to the clinical practice. For FAIMI 2023, 19 full papers have been accepted from 20 submissions. They focus on creating awareness about potential fairness issues that can emerge in the context of machine learning. And for EPIMI 2023, 2 papers have been accepted from 5 submissions. They investigate questions that underlie medical imaging research at the most fundamental level. .