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Sommario/riassunto	This book contains the written contributions to the program of the First International Conference on Computer Vision, Virtual Reality, and Robotics in Medicine (CVRMed'95) held in Nice during the period April 3-6, 1995. The articles are regrouped into a number of thematic sessions which cover the three major topics of the field: medical image understanding, registration problems in medicine, and therapy planning, simulation and control. The objective of the conference is not only to present the most innovative and promising research work but also to highlight research trends and to foster dialogues and debates among participants. This event was decided after a preliminary successful symposium organized in Stanford in March 1994 by E. Grimson (MIT), T. Kanade (CMU), R. Kikinis and W. Wells (Chair) (both at Harvard Medical School and Brigham and Women's Hospital), and myself (INRIA). We received 92 submitted full papers, and each one was evaluated by at least three members of the Program Committee, with the help of auxiliary reviewers. Based on these evaluations, a representative subset of the Program Committee met to select 19 long papers, 29 regular papers, and 27 posters. The geographical repartition

of the contributions is the following: 24 from European countries (other than France), 23 contributions from France, 20 from Northern America (USA and Canada), and 8 from Asia (Japan and Singapore).

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