

PREFACE

These studies began during my residence in the Orthopaedic Hospital, Copenhagen, second Department, the head of which, Dr. med. Erik Hjalmar Larsen, took initiative for the formation of the Hospital's Bone Laboratory, which made this investigation possible. I wish to thank him for the interest he has shown in my work. Dr. med. Inge Reimann, as the leader of the laboratory, was my close collaborator in the first studies, and she has continued to follow the work with the greatest of interest and helpfulness, for which I wish to express my deep gratitude.

From 1973 to 1978 I was employed in the Department of Orthopaedic Surgery U, the Rigs-hospital. The head of the Department, Professor C. C. Arnoldi followed my work with interest and contributed his large scientific knowledge to its advantage, for which I wish to thank him warmly. Dr. med. Hans Bohr followed my work with great interest, for which I am grateful. Dr. Agnete Karle was my collaborator during the last part of the work. She helped design and work out the intracardial angiographic method, which has been valuable in elucidating the vascular problems in

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