

Preface

This book is dedicated to the memory of the three anonymous individuals whose cadaver dissections are the subject matter of this atlas. We are deeply respectful of and indebted to these anonymous individuals. They unknowingly have made a donation to science that will benefit students and clinicians in the imaging sciences. The handling of the cadaver donations that are displayed in this clinical atlas was managed with respect and driven by our scientific yearn for discovery; the discovery to benefit the current and next generation of clinicians and researchers. These donations will enrich the basic foundational knowledge base of human anatomy as depicted in cone beam CT imaging. The current effort made it possible to correlate the CBCT images with the actual physical image. This is a foundational knowledge base from which to build and make new discoveries. Future generations can then build on this foundational knowledge base to identify bone density states, tissue function profiles (atrophy, hypertrophy, etc) disease states (neoplasia, metaplasia, etc.). We trust that the boundaries have few limits.

These anonymous individuals did not know what value or impact their donation to science has made. But as shepherds, we have guided their donation to generate a high yield for the benefit of future scientific endeavors in the imaging sciences.

We have done all in our power to preserve, protect, and maintain the dignity of these individuals. We did not know them in life but studied them in

death. Whether they have been rich or poor, introverted or extraverted, domineering or submissive, powerful or shy, we honored their remains and dignified their gift.

To the three of you, our deepest thanks.

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Cone Beam CT of the Head and Neck

An Anatomical Atlas

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