Resumo de Functional Atlas of the Human Fascial System

Principally based on dissections of hundreds of un-embalmed human cadavers over the past decade, "Functional Atlas of the Human Fascial System" presents a new vision of the human fascial system using anatomical and histological photographs along with microscopic analysis and biomechanical evaluation.

Prof. Carla Stecco - orthopaedic surgeon and professor of anatomy and sport activities - brings together the research of a multi-specialist team of researchers and clinicians consisting of anatomists, biomechanical engineers, physiotherapists, osteopaths and plastic surgeons.

In this Atlas Prof. Stecco presents for the first time a global view of fasciae and the actual connections that describe the myofascial kinetic chains. These descriptions help to explain how fascia plays a part in myofascial dysfunction and disease as well as how it may alter muscle function and disturb proprioceptive input.

Prof. Stecco also highlights the continuity of the fascial planes, explaining the function of the fasciae and their connection between muscles, nerves and blood vessels. This understanding will help guide the practitioner in selecting the proper technique for a specific fascial problem with a view to enhancing manual therapy methods.

"Functional Atlas of the Human Fascial System" opens with the first chapter classifying connective tissue and explaining its composition in terms of percentages of fibres, cells and extracellular matrix.

The second chapter goes on to describe the general characteristics of the superficial fascia from a macroscopic and microscopic point of view; while the third analyzes the deep fascia in the same manner.

The subsequent five chapters describe the fasciae from a topographical perspective. In this part of the Atlas, common anatomical terminology is
used throughout to refer to the various fasciae but it also stresses the continuity of fasciae between the different bodily regions.

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