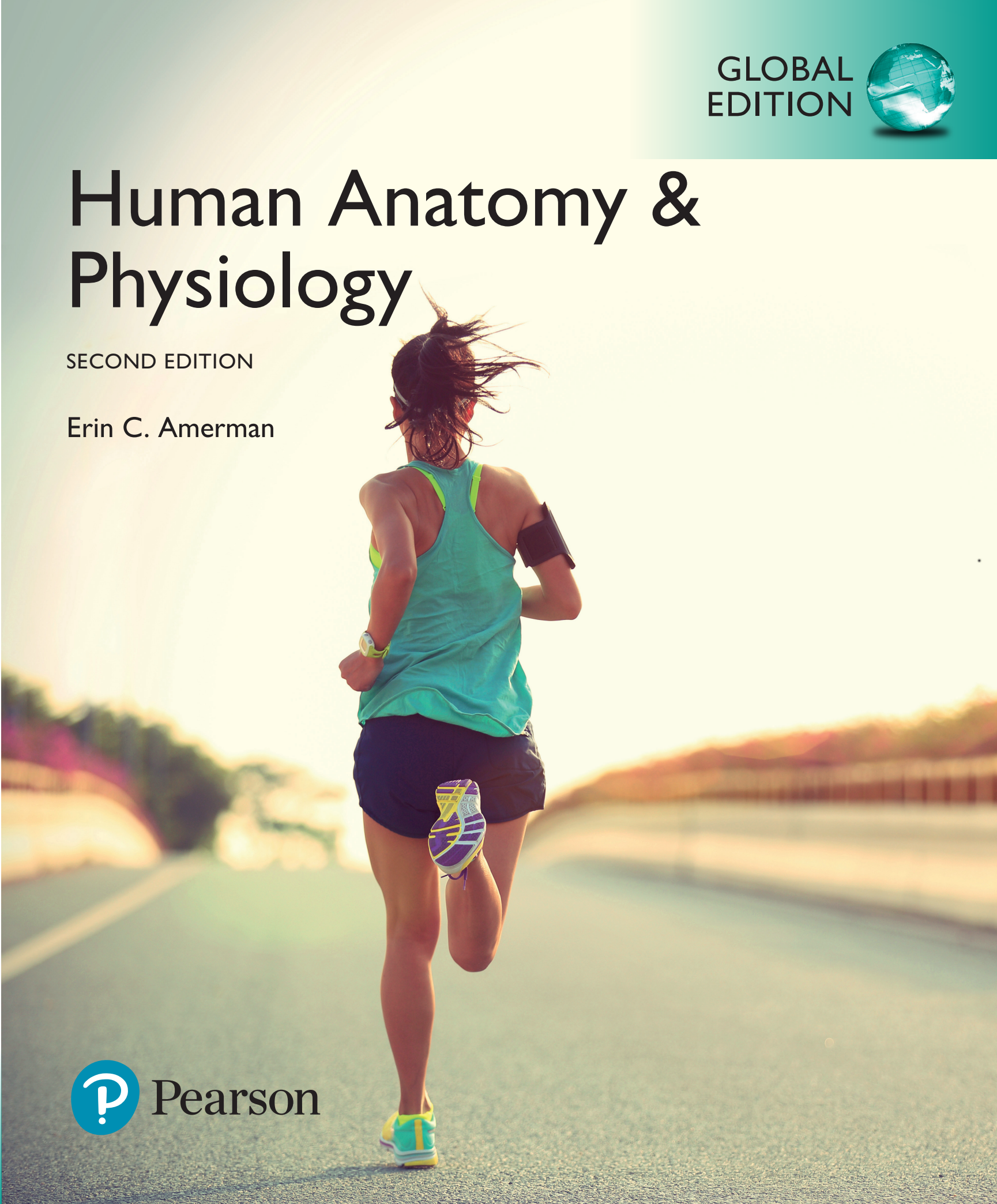
GLOBAL EDITION

Human Anatomy & Physiology

SECOND EDITION

Erin C. Amerman



Pearson

Quick Reference

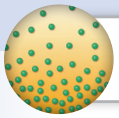
CORE PRINCIPLES in A&P
introduced in chapter one and referenced throughout this book:

CORE PRINCIPLE
Feedback Loops

Feedback loops are homeostatic control mechanisms in which a change in a regulated variable causes effects that *feed back* and in turn affect that same variable.

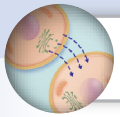
CORE PRINCIPLE
Structure-Function

The form of a structure best suits its function.



CORE PRINCIPLE
Gradients

A gradient is present any time more of something exists in one area than in another and the two areas are connected.

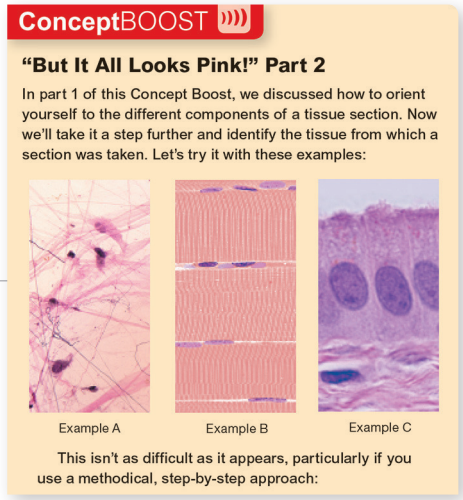


CORE PRINCIPLE
Cell-Cell Communication

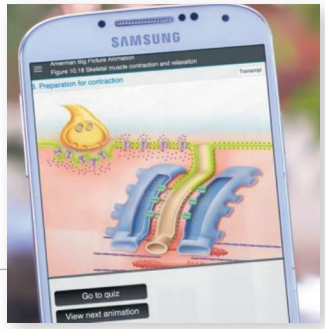
Cells in the body generally communicate via electrical signals or chemical messengers to coordinate functions in the body.

Amerman guides you every step of the way with…

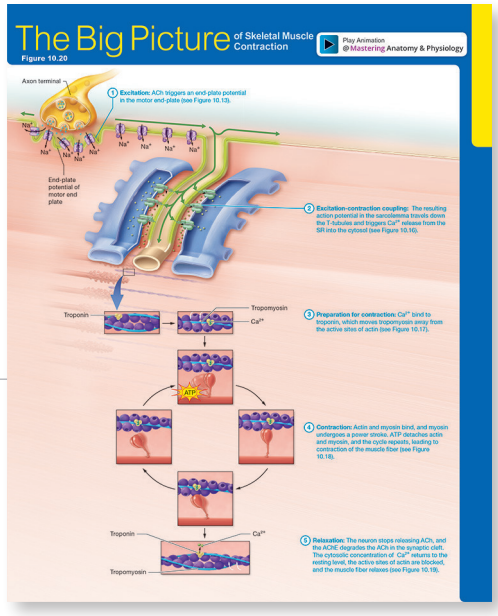
Coaching that clarifies tough concepts



Big Picture Animations that bring Big Picture Figures to life and help reinforce key ideas



One-concept-at-a time art with Big Picture figures help you focus on key concepts



Human Anatomy & Physiology, Global Edition

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