

A&P I Tissue Types Lab Practical Study Sheet: Epithelial, Connective, Mu

University of Michigan | Anatomy and Physiology I (HLTH 201) | Study Guide

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Overview

An anatomy and physiology lab practical study sheet for identifying major tissue types, matching structure to function, reading microscope clues, and preparing for early fall practical stations. This note helps students review epithelial tissue shape and layering clues, connective tissue matrix fibers and cell types, skeletal cardiac and smooth muscle identification with clear examples and study prompts.

Key topics

- epithelial tissue shape and layering clues
- connective tissue matrix fibers and cell types
- skeletal cardiac and smooth muscle identification
- nervous tissue neuron and glial cell cues
- structure-function wording for lab practical answers

How to use it

- label 24 tissue images or descriptions by category
- make a two-column structure and function table
- write one microscope clue for each tissue type
- sort practice stations by fastest identifying feature
- build a final tissue practical checklist

Common mistakes

- memorizing names without visual features
- mixing simple and stratified epithelial layers
- calling all fibers collagen
- confusing smooth muscle with dense connective tissue
- forgetting to tie structure to function in short answers