

Chem 130

Quiz 5 Study Guide

These are the topics you must master to complete this quiz.
Reminder: This quiz is offered only four times!

Chapter 24: Material on Embalming Preparations

This quiz focuses on the material on pages 305-310 in Chapter 24 (arterial fluid through the section on autopsy chemicals). Learn this material to the following level of detail:

Fluid or Preparation Type	Function	Components
Arterial fluid (primary or secondary)	Preservatives	Aldehydes, Alcohols, Phenolic compounds
	Supplementary germicides	Quaternary ammonium compounds, Gluteraldehyde
	Modifying agents: Humectants	Glycerol, Sorbitol, Glycols, Lanolins
	Modifying agents: Buffers	Borax, Sodium phosphates, Citrates, Sodium salt of EDTA (ethylenediaminetetrasodiumacetate)
	Water conditioning agents (anticoagulants)	Sodium citrate, Sodium salt of EDTA
	Surfactants (surface active agents)	Sulfonates, Sodium lauryl sulfate
	Dyes	Eosine, Ponceau red, Erythrosine, Amaranth
	Deodorants (perfuming materials, masking agents)	Benzaldehyde, Oil of cloves, Oil of sassafras, Methyl salicylate (Oil of wintergreen)
	Vehicles	Water, Alcohols
Cavity fluid	Preservatives	Aldehydes, Alcohols, Phenolic compounds
	Supplementary germicides	Quaternary ammonium compounds, Gluteraldehyde
	Surfactants (surface active agents)	Sulfonates, Sodium lauryl sulfate
	Vehicles	Water, Alcohols
Accessory fluid	Pre-injection	Water conditioning agents, surfactants, anticoagulants, humectants, low concentration preservatives
	Co-injection	Water conditioning agents, surfactants, anticoagulants, humectants, low concentration preservatives
	Restorative fluids	Humectants and/or dyes
	Special conditions: Jaundice	Masking fluids or bleaching fluids or nonformaldehyde fluids
	Special conditions: High Index	Formaldehyde, Ethyl Alcohol
Autopsy chemicals	Hardening compounds	Examples: Paraformaldehyde (preservative) Aluminum chloride (dehydrating agent) Alum (dehydrating agent) Cellulose (preservative, dehydrating agent) Plaster of paris (dehydrating & hardening agent)