



Blutuntersuchung

- Hämatologie
- Rotes Blutbild
- Weisses Blutbild
- Thrombozyten + Gerinnungsfaktoren
- Klinisch Chemische Untersuchungen

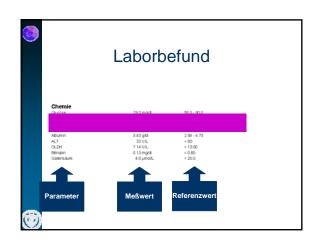


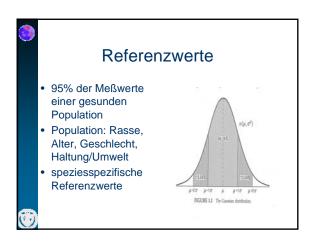


Klinisch Chemische Routineparameter

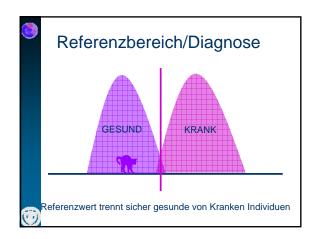
- Organfunktionen
 - Metaboliten
 - Elektrolyten
 - Mineralstoffe
 - Hormone
- Zellschäden organspezifisch
 - Enzymaktivitäten



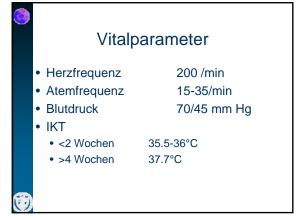


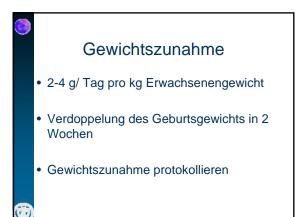




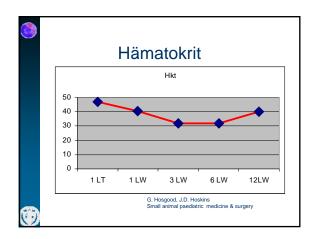


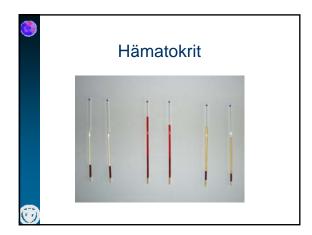






Laborwerte • Momentaufnahmen • Entwicklungsabhängig • Hämatologie • Nierenwerte • Leberwerte • Leberwerte • Muskelenzyme • Mineralstoffe + Spurenelemente



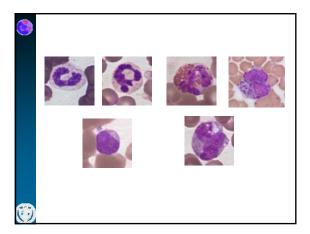


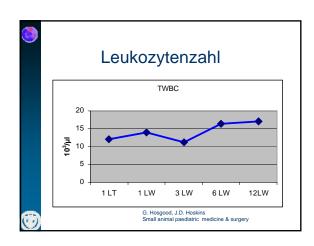


Körperwachstum + Blutvolumen

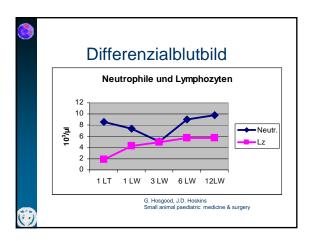
- Erythropoese langsamer als Körperwachstum!
- Niedriger Hämatokrit bei Jungtieren
- Hämatorkit ungeeignet zur Bestimmung des Flüssigkeitsverlustes!
- Hämatokrit unsicher zur Beurteilung von Anämien

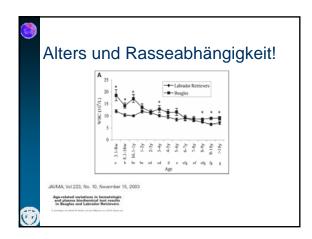














Leukozytenzahl

- Physiologische Leukozytose
 - Stressleukozytose
 - Neutrophilie
- Jungtiere
 - Adrenerger Stress ⇒ Lymphozytose

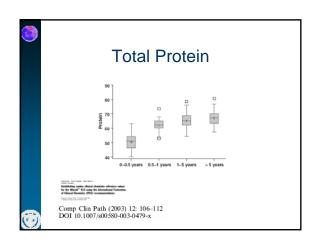


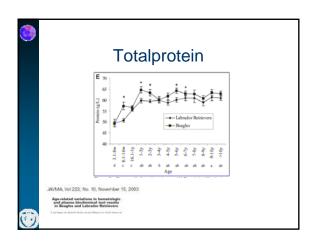


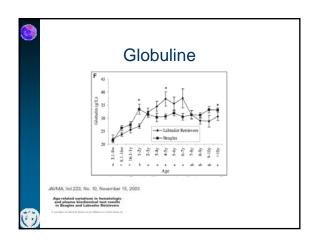
Totalprotein

- Synthese in der Leber + Immunsystem
- Screeningparameter
- Dehydratation
- Ödeme
- Ernährungszustand











Totalprotein - Jungtier

- Keine Ausgangswerte bekannt
- Wenig geeignet zur "Ersteinschätzung"
- Verlaufskontrolle
- Monitoring Infusionslösungen
- Kontrollparameter: Gewicht!

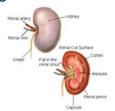






Niere

Dehydratation Hyperinfusion

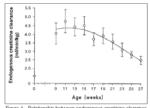


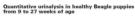
- Kreatinin ⇒ Muskelmasse

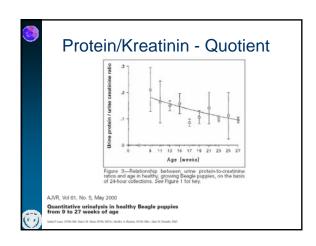


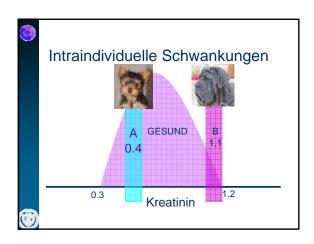


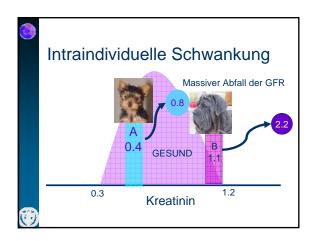
Endogene Kreatininclearance

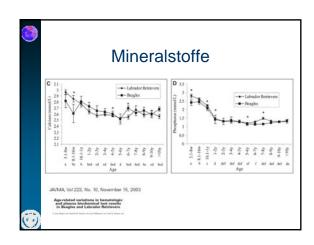


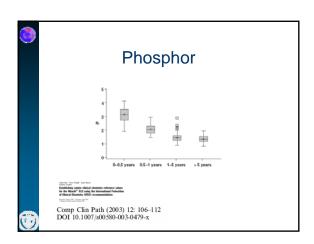




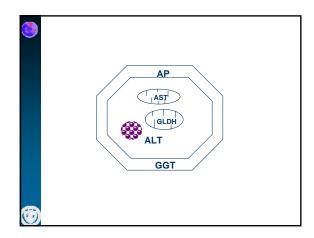




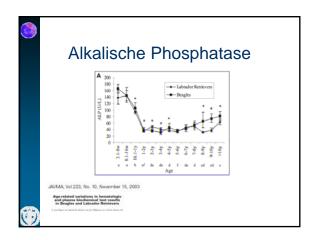












Leberenzymaktivitäten Leberenzyme Zytosolische Enzyme ALT Alanin-Aminotransferase GLDH Gutamat-Dehydrogenase AST Gamma-Glutamyltransferase Freigesetzt bei Zellschädigung KEINE LEBERFUNKTIONSPARAMETER!

