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#### Data base of Histology Color slides

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### 12

# Digestive system 4 Liver



Pancreas



## 12-001 Liver



12-01. Scheme showing the 3-dimensional structure of a hepatic lobule. (Scheme)

Interlobular bile duct, artery and vein (Trias)



12-02. Liver, general view 1. Human, H-E stain, x 13.



#### Capsula fibrosa

12-03. Liver, general view 2. Human, H-E stain, x 25.



12-04. Liver, general view 3. Pig, H-E stain, x 10.



12-05. Liver, general view 4. Pig, MG stain, x 4.



12-06. Hepatic lobule, general view 1. Pig, MG stain, x 25.



12-07. Hepatic lobule, general view 2. Rabbit, H-E stain, x 25.



12-08. Hepatic lobule, general view 2. Human, MG stain, x 16.



12-09. V. centralis and V. sub-lobularis 1. Monkey, H-E stain, x 40.



12-10. Sinusoids, v. centralis and v. sublobularis. Human, H-E stain, x 33.



12-11. Hepatic lobule, general view 3. Human, H-E stain, x 25.



12-12. Sinusoids, v. centralis and v. sublobularis 2. Human, H-E stain, x 66.



12-13. Sinusoids and v. centralis. Human, H-E stain, x 130.



12-14. Interlobular connective tissue 1. Human, H-E stain, x 66.



12-15. Interlobular connective tissue 2. Human, H-E stain, x 160.



12-16. Interlobular connective tissue 3. Human, H-E stain, x 160.



12-17. Interlobular connective tissue 4. Human, MG stain, x 64.



12-18. Hepatic cell cords and sinusoids 1. Human, MG stain, x 160.



12-19. Hepatic cell cords and sinusoids 2. Pig, MG stain, x 160.



12-20. V. centralis, longitudinal section 1. Human, MG stain, x 40.



12-21. V. centralis, longitudinal section 2. Human, MG stain, x 100.

Vs 12-22. V. centralis and V. sub-lobularis. Longitudinal section.

Human, MG stain, x 25.



12-23. V. sublobularis, longitudinal section. Human, H-E stain, x 65.



12-24. Hepatic cell cords, bile canaliculi and sinusoids. (Scheme).



12-25. Hepatic cell cord and bile canaliculi 1. Human, MG stain, x 400.



12-26. Hepatic cell cords and bile canaliculi 2. Human, MG stain, x 400.



12-27. Bile canaliculi. Human, Golgi method, x 160.



12-28. Bile canaliculi and canal of Hering 1. Human, MG stain, x 330.



12-29. Bile canaliculi and canal of Hering 2. Human, MG stain, x 400.



12-30. V. centralis and reticular fibers. Monkey, Suzuki's silver impregnation and Kern-echtrot stain, x 64.

Vc 12-31. Sinusoids and reticular fibers. Monkey, Suzuki's silver

impregnation and Kern-echtrot stain. x 160.

12-32. Kupffer cells 1. Rabbit, vital stain with tripan blue and Kernecht-rot stain, x 64.



12-33. Kupffer cells 2. Rabbit, vital stain with tripan blue and Kernecht-rot stain, x 250.

12-34. Kupffer cells. Rabbit, vital stain with India ink and carmine stain. x 130.

12-35. Hepatic cell cords and sinusoids 1. Rat, epon section, toluidin blue stain, x 160.

Space of Disse

12-36. Hepatic cell cords and sinusoids 2. Rat, epon section, toluidin blue stain, x 400.



12-37. Glycogen granules in hepatic cells. x 160.



12-38. Liver of 6-month human embryo 1. H-E stain, x 64.



12-39. Liver of 6-month human embryo 2. H-E stain, x 160.



12-40. Gallbladder, transverse section. Monkey, H-E stain, x 2.2.



12-41. Epithelium of gallbladder. Monkey, H-E stain, x 40.



## 12-002 Pancreas



12-42. Pancreas, general view 1. Human, H-E stain, x 2.2.



12-43. Pancreas, general view 2. Human, H-E stain, x 25.



12-44. Pancreatic islet and exocrine acini. Human, H-E stain, x 64.



12-45. Exocrine acini and zymogen granules. Rabbit, toluidin blue and eosin stain, x 225.



12-46. Acini and intercalated duct 1. Human, H-E stain, x 160.



12-47. Acini and intercalated duct 2. Human, H-E stain, x 160.



12-48. Acini and intercalated duct 3. Human, H-E stain, x 160.



12-49. Acini and intercalated duct 4. Human, H-E stain, x 225.



12-50. Pancreatic islet 1. Human, H-E stain, x 100.



12-51. Pancreatic islet 2. Human, H-E stain, x 160.



12-52. Pancreatic islet 3. Human, MG stain, x 160.

12-53. Pancreatic islet 4. Human, victoria blue and Kernechtrot stain, x 160.



12-54. Pancreatic islet 5. Human, Victoria blue and phloxin stain, x 130.



12-55. Pancreatic islet 6. Human, Victoria blue and phloxin stain, x 330.



12-56. Pancreatic islet 7. Human, Victoria blue, phloxin and light green stain x 100



12-57. Pancreatic islet 8. Human, Victoria blue, phloxin and light green stain, x 160.



12-58. Pancreatic islet 9. Human, Victoria blue, phloxin and light green stain x 250



12-59. Pancreatic islet 10. Human, Victoria blue, phloxin and light green stain, x 64.



12-60. Pancreatic islet 11. Human, silver impregnation, x 64.



12-61. Pancreatic islet 12. Human, silver impregnation, x 160.



12-62. Pancreatic islet. Antiglucagon reaction, x 160.



12-63. Pancreatic islet. Antisomatostatin reactin, x 160.