Topic J02: Microscopic Demonstration of Bacteria II Gram's staining

Materials for study (from textbooks, internet etc.): Gram staining. Study also your own protocole from the first week.

Task No 1 Observing a preparation prepared from an infective material stained according to Gram Observing the prepared slides in microscope (use the oil-immersion objective, power 100 ×, e. g. total magnification 1000 ×). Work in such a way not to damage the lens. After finishing the work, clean carefully the lens using gaze, and the remaining parts of microscope using paper. Use "benzín", too, it there is too much oil. Notice the cells from the macroorganism. Draw and describe the results of your observations – not only bacteria, bul also WBCs, epitheliae etc.								Description epithelial cells white blood cells
Gram stain: I seconds remo crystal violet tape water. Describe the I	fixed sm Flood slic ove Lugo is remov bry using results of	ear like in he with cryst and rinse wed) and rinse filtration particular and rinse filtration	Topic J01, tal violet (Cowith tape we with tape aper and exvations (str.	Gram I) at rater. Dec water. Camine the	fter 30 second olorize with a Counterstain w e slide using th	s rinse lcohol ith safr ne oil ir	with Lugol ioding for about 15 second ranin for 60 second residue to the control of the control	ectivelly):
Strain	A		В		C		D	E
Picture								
Description								
Task 3 Capsullar demonstration according to Burri For microscopical observation of bacterial capsulla we use negative staining. In this case we use no fixation. For our purposes we use Burri negative staing (background is stained by ink, so you can see the capsulla). Draw a result of Burri staining from your slideshow. Check-up questions								bacteria capsulla
			their incuba	ation time	es when stainii	ng acco	ording Gram	
solution								
time								
3. After the C4. Name at le	Gram stai	ning, gram- more diagno	negative ba	acteria are	e of	tbooks	Explain the reason	Explain why.

Name ______ General Medicine Date ____. ___. 2009 Page 1