
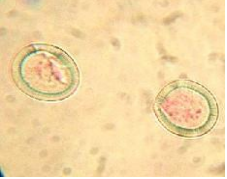

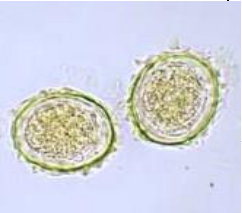



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IMAGE	DISEASE	STAGE	SOURCE	SYMPTOMS	FOUND	LEN
TAENIA SAGINATA (BEEF) TAENIA SOLIUM (PORK)						
	TAENIASIS (TAPEWORM) <i>HOOKS /AND /OR/SUCKERS</i>	SCOLEX (ADULT)	INGESTION OF CONTAMINATED PORK OR BEEF	DIARRHEA	FECES	4X
	TAENIASIS (TAPEWORM) <i>RADIAL SPINES</i>	OVA	INGESTION OF CONTAMINATED PORK OR BEEF	DIARRHEA	FECES	40X
CHLONORCHIS SINENSIS						
	CLONORCHIASIS <i>PEAR SHAPED W/CAP</i>	OVA	INGEST RAW OR UNCOOKED FISH	Hepatitis	FECES	40X
ASCARIS LUMBRICOIDES						
	ASCARIASIS <i>IRREGULAR EDGE</i>	OVA	INGEST FORM SOIL OR FOOD	PNEUMONIA, WEIGHT LOSS, COUGH	FECES	40X
Schistosoma Mansoni.(Trematode)						
	Schistosomiasis <i>LATERAL SPINE</i>	OVA	SWIMMING IN WATER WITH THE INFECTED HOST (SNAILS)	Vesicles -(raised lesions filled with clear fluid)	FECES	40X






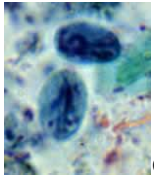
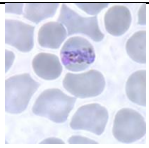
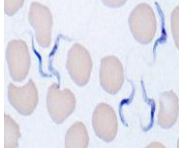

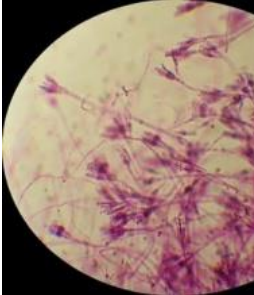

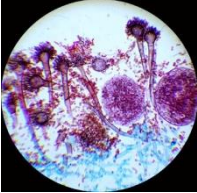
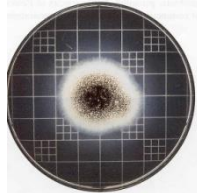
STRONGYLOIDES STERCORALIS						
	STRONGYLOIDIASIS	LARVAE	JUVENILES PENETRATE SKIN FORM SOIL	ITCHING, CHEST PAIN, ABDOMINAL PAIN, DIARRHEA	FECES	40X
ENTEROBIUS VERMICULARIS	Enterobiasis Pinworm	OVA	Ingestion of Pinworm on Hands , Fomites	Itching , Diarrhea	Itching , Perianal Region	40X
						

IMAGE	DISEASE	STAGE	SOURCE	SYMPTOMS	FOUND	LEN
ENTAMOEBIA HISTOLYTICA						
	AMOEBIC DYSENTERY <i>3-5 NUCLEAR MATERIAL</i>	CYST 	INGESTION OF CYSTS IN H2O AND FOOD	ABDOMINAL PAIN, DIARRHEA, BLOOD & MUCUS IN FECES, NAUSEA, VOMITING, AND HEPATITIS	FECES	40X
GIARDIA LAMBLIA						
TROPH 	GIARDIASIS <i>LINE IN MIDDLE</i>  CYST Oval shape	CYST/ TROPH	INGESTION OF CYSTS IN H2O	DIARRHEA, DEHYDRATION, ABDOMINAL PAIN	FECES	40X

PLASMODIUM sp.						
	MALARIA <i>INSIDE RED BLOOD CELLS</i>	TROPH	BITE OF ANOPHELES MOSQUITO	ANEMIA, SPLEEN & LIVER DAMAGE	BLOOD	40X
TRYPANSOMA B.						
	TRYPANOSOMIASIS AFRICAN SLEEPING SICKNESS <i>OUTSIDE RED BLOOS CELLS</i>	TRYPOMASTIGOTES (stage viewed on slide)	BITE OF TSETSE FLY	HEADACHE, FEVER, AND ANEMIA	BLOOD	40X
TRICHOMONAS V.						
	TRICHOMONIASIS <i>HAVE FLAGELLA</i>	TROPH	SEXUAL INTERCOURSE	INFECTION	GENITAL DISCHARGE	40X
TOXOPLASMA GONDII						
	Toxoplasmosis	TROPH	CAT FECES, GARDENING	FETUS STILL BIRTH/ BRAIN DAMAGE	Biopsy	No ID
PENICILLIUM sp.						
	MOLD		GREEN IN COLOR on SAB AGAR	1) Fungi: a) Yeast and molds b) Dimorphic: having two distinct forms (c) Yeast like in the host, but mycelia in culture 2) Hyphae: a) The individual threads that make up the mycelium of a fungus b) Fungal filaments c) Thread like structures that compose the body of the fungus d) The vegetative structure of a fungus, made up of the filamentous hyphae		

				<p>3) Mycelium: a) The densely branched network of hyphae in a fungus b) The mass of interwoven filaments of hyphae in a fungus</p> <p>4) Mycosis Any disease caused by a fungus</p>
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ASPERGILLUS sp.

	<p><u>MOLD</u></p>		<p>BLACK IN COLOR</p>
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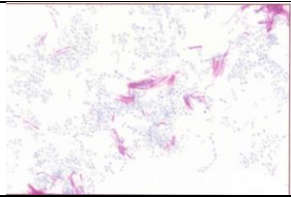
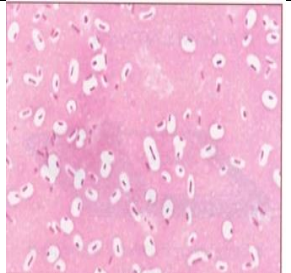

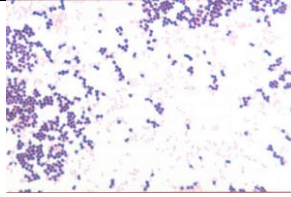
MICROSCOPE 40X SAB PLATE

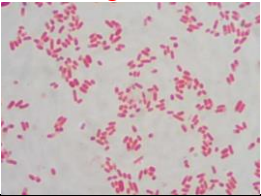
CANDIDA ALBICANS

	<p><u>YEAST</u></p>		<p>WHITE IN COLOR "DROPS OF ICE CREAM"</p>
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MICROSCOPE 40X SAB PLATE

BACTERIA

IMAGE	BACTERIA	SHAPE	DISEASE	NOTES	COLOR	LEN
ACID FAST STAIN						
	MYCOBACTERIUM TUBERCULOSIS	Rodlike to filamentous (pleomorphic)	TUBERCULOSIS	Mycolic acid in the cell walls. => Acid fast stain does not wash out during decolorization.	RED	100X
CAPSULE STAIN (NOTE 3 BACTERIA which has this structure) <i>singular: bacterium</i>						
	KLEBSIELLA PNEUMONIAE Streptococcus pneumoniae	CAPSULE	PRIMARY PNEUMONIA	Capsule is composed of mucoid polysaccharides => repel most stains => Neg. stain (does not retain color). Acid stain covers bkgd, basic stain colors cell.	RED, WITH CLEAR HALO AREA WHERE CAPSULE IS.	100X
	BACILLUS ANTHRACIS		ANTHRAX			
ENDOSPORE STAIN (NOTE 2 BACTERIA which has this structure) <i>singular: bacterium</i>						
	BACILLUS	ENDOSPORE	ANTHRAX	Endospore is a dormant form => can survive poor environmental conditions for long periods of time. Neg stain. Chain pattern.	RED COLOR, NO COLOR IN SPORE.	100X
	CLOSTRIDIUM		TETANUS & BOTULISM			
GRAM STAIN (positive)						
	STAPHYLOCOCCUS EPIDERMIDIS	COCCI (ROUND)	INFLAMATION, PAIN, FEVER	Gram stain is used to determine size, shape, and arrangement. As well as gram "+" or gram "-"	BLUE COLOR FOR GRAM POSITIVE.	100X
	Appears SIMILAR TO CANDIDA FUNGI BUT DIFFERENT MAGNIFICATION LENS					

<p>GRAM STAIN (negative)</p> 	<p>ESCHERICHIA COLI</p>	<p>ROD SHAPE</p>	<p>E. COLI INFECTION DIARHEA, ABDOMINAL PAIN</p>	<p>Gram stain is used to determine size, shape, and arrangement. As well as gram "+" or gram "-"</p>	<p>RED COLOR FOR GRAM NEGATIVE.</p>	<p>100X</p>
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