

Parasitic related skin changes

37. Creeping eruption: *Ancylostoma braziliense* or *caninum*. Treatment ivermectin
38. Larva Migrans: as above
39. Cutaneous leishmaniasis: sandflies. East Africa including Ethiopia
40. Ulcerated leishmaniasis: Central and South America. Edge raised, almost painless
41. American leishmaniasis. Often relapsing. Treatment 40-42⁰ several days. Pentamidine
42. Onchocerciasis West and Central Africa simuliid fly. Treatment: ivermectin, doxy
43. Onchocerciasis

Infestations with skin changes

44. Tumbu fly or Mango fly or Putzi fly. Invasion of larvae *Cordylobia anthropophaga*
45. Cutaneous myiasis Congo floor maggots *A. luteola*. Prev. raised beds, insecticide
46. Tungiasis *Tunga penetrans* Jigger fleas ("Amaundu" - Lamba) Surgical excision
47. Fleas and lice. Malathion lotion
48. Scabies picture of human mite *Sarcoptes scabiei* (kvalster)
49. Scabies picture of rash from tunnels of mite as it seeks to lay its eggs
50. Scabies on the genitals and finger webs. Treatment: malathion or permethrin
51. Scabies on the hand. Treatment: Ivermectin

Skin cancers

52. Repeat of Kaposi sarcoma to show different presentations: gums, gastric mucosa
53. Basal cell carcinoma: not in ordinarily pigmented Africans
54. Squamous cell carcinoma: friction, damage, chronic ulcers: burns, TU. arsenic
55. Melanoma early stage: **Asymmetry Border Colour Diameter Evolving**
56. Later stage melanoma
57. Melanoma of foot as usually seen in Africans and Afro-Americans

Allergies and related skin conditions

58. Psoriasis: immunologically mediated Th1 cells in early lesions. bitumen + vaseline 50/50
59. Pompholyx: heat+sweat strong steroids under plastic glove. Emollients not soap
60. Contact dermatitis Nickel
61. Drug eruptions. Sulphonamides. Worse in HIV

Malnutrition and Skin changes

62. Pellagra Nicotinamide (or niacin) deficiency:maize only diets: Nicotininc acid 2weeks
63. Kwashiorkor diagram

Gap

64. Kwashiorkor typical child