Skin cancer

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| Type | Description | Image |
| **Basal cell carcinoma** | | | |
| Nodular BCC | shiny/ pearly nodule with smooth surface +/- telangiectasia. %central depression. %cystic contents.  Potentially aggressive subtypes: micronodular/ microcystic/ infiltrative  sun exposed areas but rarely lips |  |
| Superficial BCC | Most common type @younger adult. ++@upper trunk/ shoulder. thin, rolled border. irregular plaque + slightly scaly. microerosions present | Basal cell carcinoma |
| Pigmented BCC |  | Pigmented basal cell carcinoma. | Download Scientific Diagram |
| Morphoiec BCC | usually @mid facial sites. waxy, scar like plaque with indistinct borders. wide and deep sublinical extension. %perineural invasion.  aka sclerosing BCC | Basal Cell Carcinoma - Symptoms, Types and Pictures |
| Basosquamous BCC | mixed BCC and SCC. ++infiltrative growth pattern. more aggressive than other forms. |  |
| **Squamous cell carcinoma** | | |
| Keratoacanthoma | skin lesion ++@sun damaged skin. %resolves by itself. usu treated surgically @difficult to differentiate from other forms. ++solid core filled with keratin plug | Keratoacanthoma Keratoacanthoma |
| SCC | sun distribution (@lower lip) |  |
| Melanoma | | |
| Lentigo maligna melanoma (Hutchinson freckle) |  |  |

**Other skin lesions**

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| Type | Description | Image |
| **Cysts** | | | |
| Dermoid cyst | benign tumor, comprised of dermal and epidermal tissue (keratinocytes/ hair/ follicle/ sweat glands)  ++@early childhood, 40% present at birth, most by 5 yrs. occur on fusion lines.  ++@face (outer eyebrow, eyelid, upper nose, scalp). usu solitary, firm, dough like lump 0.5-6cm  **External angular dermoid (outer end of eyebrow)** |  |
| Epidermoid cyst | benign cyst from infundibulum (upper portion of hair follicle), filled with lipid and keratin debris  ++@adults. | Epidermal cystEpidermoid cyst |
| Multiple subcut lipomas | family history often present |  |

**Infective skin lesions**

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| Type | Description | Image |
| **Bacterial** | | | |
| Melioidosis (Whitmore disease) | @Burkholderia pseudomallei tropical bacteria. SE + Australia. %fatal. ++contact @soil/ rice paddies exposure contaminated esp @immunosuppressed/ inhalation. incubatin may be yeasrs @intercurrent illness. | Melioidosis Melioidosis |
| **Viral** | | |
| herpes zoster (shingles) | @reactivation of VZV @previous chickenpox %risk of developing zoster. ++@adults esp older.  usu first symptom pain, one dermatome affected. lymphadenopathy. %pain without rash. 3-4 weeks resolution. vesicular @red papules skin eruption, then crust over. | Herpes zosterShingles |
| Herpes simplex | localised blistering affects most people. cold sores. trigger @stress/ infection. HSV1 @facial. HSV@genitalia/ rectal. cx@eye infection/ throat infection | Herpes simplex |

**Rash/ generalised skin lesions**

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| Type | Description | Image |
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| Erythema ab igne | ++@exposure to IR heat radiation. classicaly @elderly next to fireplace. %ssoc with skin atrophy/ itching/ burning sensation | Erythema ab igne Erythema ab igne |
| Erythema multiforme | hypersensitivity reaction ++@HSV1, assoc with typical target lesion. %mucous membrane involvement. acute and self limiting within several weeks.  next most common cause M. pneumoniae.  10% drugs may be the cause  %mucosal lesions associated as well, eg with M pneumoniae mucostitis may be the only evidence for EM  %eye EM as well. | Erythema multiformeTarget lesionsErythema multiforme of lips |