Bullous Diseases

**Location of bullae**
- **Subepidermal bulla**: tend to be tense, intact, may contain blood.
- **Intra-epidermal bulla**: rupture easily, thin roofs, leave an oozing denuded surface.
- **Subcorneal bulla**: beneath the stratum corneum, thinner roofs, rupture more easily.

**Infections**
- impetigo
- Ecthyma
- herpes simplex
- herpes zoster
- vesicular tinea pedis

**Autoimmune**
- Pemphigus
- Pemphigoid
- Dermatitis herpetiformis
- Acute dermatitis

**Genetic**
- epidermolysis bullosa
- bullous lupus erythematosus
- Porphyria cutanea tarda

**Blisters in diabetes and renal disease**

**Cold and friction injury**

**Drugs**
- Penicillamine