

## STANDARD TREATMENT WORKFLOW (STW)

### Bacterial Skin Infections

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### Standard Treatment Workflow (STW)

### BACTERIAL SKIN INFECTIONS

ICD-10-L01, L73.9, L08, L02, L03, A46, L00

#### GENERAL PRINCIPLES OF MANAGEMENT

Skin hygiene, advise on handwashing/ local hygiene, avoidance of oil application, adequate nutrition

For recurrent/ severe lesions: evaluate for nasal carriage, diabetes, underlying skin conditions (scabies, atopic dermatitis)

In immunocompromised/ diabetics: consider the need for gram negative coverage

#### 1. IMPETIGO

##### CLINICAL FEATURES

Wet yellow brown crusts overlying red inflamed skin

- **Types** Non bullous (NBI; commoner), bullous (BI)
- **Affected age group** usually children
- **Common sites** Face (perinasal, perioral) > extremities; extensive with scabies/ atopic eczema

##### MANAGEMENT

- Topical antibiotics for 5 days
- Oral antibiotics for extensive involvement or numerous lesions, lymphadenopathy or in outbreaks to prevent transmission

#### 2. ECTHYMA

##### CLINICAL FEATURES

- Black thick crust (eschar) with underlying ulcer & surrounding redness & edema

##### MANAGEMENT

- Treat with oral antibiotics for 7 days
- Gentle crust removal may be attempted after soakage with sterile saline; topical antibiotics over the exposed ulcer

#### 3. FOLLICULITIS

##### CLINICAL FEATURES

Hair follicle centred pustule/ papule  
Rule out non bacterial causes: oils, chemicals, waxing, epilation, occlusive dressing  
**RECURRENT FOLLICULITIS** Recurrent infection or outbreak in multiple members of family may indicate nasal *Staphylococcus aureus* carriage or human-pet transmission

##### MANAGEMENT

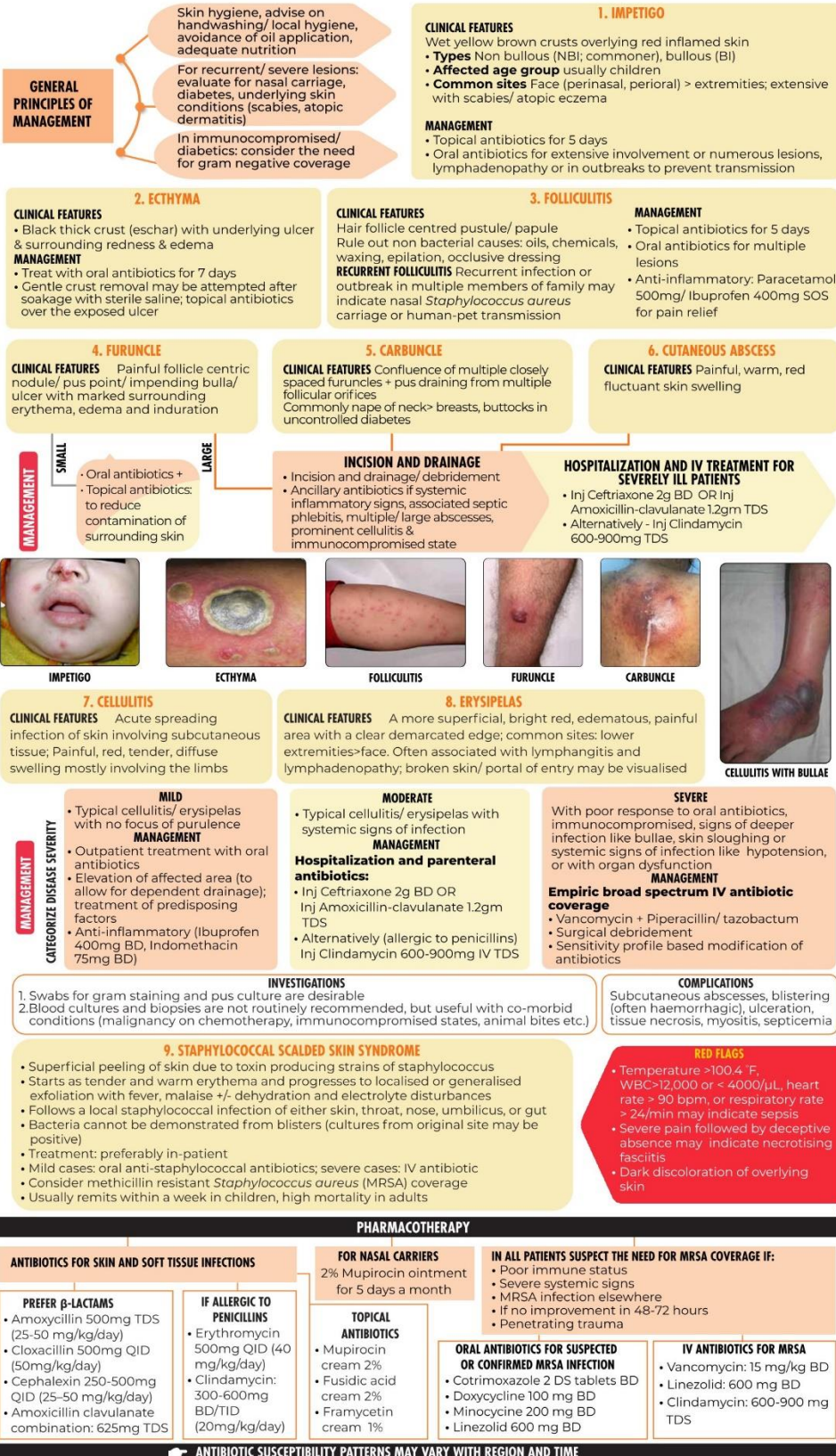
- Topical antibiotics for 5 days
- Oral antibiotics for multiple lesions
- Anti-inflammatory: Paracetamol 500mg/ Ibuprofen 400mg SOS for pain relief

#### 4. FURUNCLE

#### 5. CARBUNCLE

#### 6. CUTANEOUS ABSCESS

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This STW has been prepared by national experts of India with feasibility considerations for various levels of healthcare system in the country. These broad guidelines are advisory, and are based on expert opinions and available scientific evidence. There may be variations in the management of an individual patient based on his/her specific condition, as decided by the treating physician. There will be no indemnity for direct or indirect consequences. Kindly visit the website of DHR for more information: ([stw.icmr.org.in](http://stw.icmr.org.in)) for more information.

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