

## ANTIBACTERIALS > NITROIMIDAZOLE DERIVATIVES

### Metronidazole

18-May-2020

- **DRUG ACTION** Metronidazole is an antimicrobial drug with high activity against anaerobic bacteria and protozoa.

#### ● INDICATIONS AND DOSE

##### ACEA<sup>®</sup>

#### Acute inflammatory exacerbation of rosacea

- ▶ TO THE SKIN
- ▶ Child 1–17 years: Apply twice daily, to be applied thinly

##### ANABACT<sup>®</sup>

#### Malodorous fungating tumours and malodorous gravitational and decubitus ulcers

- ▶ TO THE SKIN
- ▶ Child: Apply 1–2 times a day, to be applied to clean wound and covered with non-adherent dressing

##### METROGEL<sup>®</sup>

#### Acute inflammatory exacerbation of rosacea

- ▶ TO THE SKIN
- ▶ Child 1–17 years: Apply twice daily, to be applied thinly

#### Malodorous fungating tumours

- ▶ TO THE SKIN
- ▶ Child: Apply 1–2 times a day, to be applied to clean wound and covered with non-adherent dressing

##### METROSA<sup>®</sup>

#### Acute exacerbation of rosacea

- ▶ TO THE SKIN
- ▶ Child 1–17 years: Apply twice daily, to be applied thinly

##### ROSICED<sup>®</sup>

#### Inflammatory papules and pustules of rosacea

- ▶ TO THE SKIN
- ▶ Child 1–17 years: Apply twice daily for 6 weeks (longer if necessary)

##### ROZEX<sup>®</sup> CREAM

#### Inflammatory papules, pustules and erythema of rosacea

- ▶ TO THE SKIN
- ▶ Child 1–17 years: Apply twice daily

##### ROZEX<sup>®</sup> GEL

#### Inflammatory papules, pustules and erythema of rosacea

- ▶ TO THE SKIN
- ▶ Child 1–17 years: Apply twice daily

##### ZYOMET<sup>®</sup>

#### Acute inflammatory exacerbation of rosacea

- ▶ TO THE SKIN
- ▶ Child 1–17 years: Apply twice daily, to be applied thinly

#### ● UNLICENSED USE

METROGEL<sup>®</sup>, METROSA<sup>®</sup>, ROSICED<sup>®</sup>, ROZEX<sup>®</sup> CREAM, ROZEX<sup>®</sup> GEL, ZYOMET<sup>®</sup> Not licensed for use in children. ACEA<sup>®</sup>, ANABACT<sup>®</sup> Not licensed for use in children under 12 years.

- **CAUTIONS** Avoid exposure to strong sunlight or UV light

- **INTERACTIONS** → Appendix 1: metronidazole

#### ● SIDE-EFFECTS

- ▶ Common or very common Skin reactions

- **PRESCRIBING AND DISPENSING INFORMATION** For choice of antibacterial therapy, see Skin infections, antibacterial therapy p. 329.

#### ● PATIENT AND CARER ADVICE

Medicines for Children leaflet: Metronidazole for bacterial infections [www.medicinesforchildren.org.uk/metronidazole-bacterial-infections](http://www.medicinesforchildren.org.uk/metronidazole-bacterial-infections)

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

#### Gel

EXCIPIENTS: May contain Benzyl alcohol, disodium edetate, hydroxybenzoates (parabens), propylene glycol

- ▶ **Aceta** (Ferndale Pharmaceuticals Ltd)  
Metronidazole 7.5 mg per 1 gram Aceta 0.75% gel | 40 gram [PoM] £9.95 DT = £22.63

- ▶ **Anabact** (Cambridge Healthcare Supplies Ltd)

Metronidazole 7.5 mg per 1 gram Anabact 0.75% gel | 15 gram [PoM] £5.64 DT = £5.64 | 30 gram [PoM] £7.89 | 40 gram [PoM] £15.89 DT = £22.63

- ▶ **Metrogel** (Galderma (UK) Ltd)

Metronidazole 7.5 mg per 1 gram Metrogel 0.75% gel | 40 gram [PoM] £22.63 DT = £22.63

- ▶ **Metrosa** (M & A Pharmachem Ltd)

Metronidazole 7.5 mg per 1 gram Metrosa 0.75% gel | 30 gram [PoM] £12.00 | 40 gram [PoM] £19.90 DT = £22.63

- ▶ **Rozex** (Galderma (UK) Ltd)

Metronidazole 7.5 mg per 1 gram Rozex 0.75% gel | 30 gram [PoM] £6.60 | 40 gram [PoM] £9.88 DT = £22.63

- ▶ **Zyomet** (Advanz Pharma)

Metronidazole 7.5 mg per 1 gram Zyomet 0.75% gel | 30 gram [PoM] £12.00

#### Cream

EXCIPIENTS: May contain Benzyl alcohol, isopropyl palmitate, propylene glycol

- ▶ **Rosiced** (Pierre Fabre Dermo-Cosmetique)

Metronidazole 7.5 mg per 1 gram Rosiced 0.75% cream | 30 gram [PoM] £6.60 DT = £6.60

- ▶ **Rozex** (Galderma (UK) Ltd)

Metronidazole 7.5 mg per 1 gram Rozex 0.75% cream | 30 gram [PoM] £6.60 DT = £6.60 | 40 gram [PoM] £9.88 DT = £9.88

## ANTIBACTERIALS > SULFONAMIDES

### Silver sulfadiazine

20-May-2020

#### ● INDICATIONS AND DOSE

#### Prophylaxis and treatment of infection in burn wounds

- ▶ TO THE SKIN
- ▶ Child: Apply daily, may be applied more frequently if very exudative

#### For conservative management of finger-tip injuries

- ▶ TO THE SKIN
- ▶ Child: Apply every 2–3 days, consult product literature for details

#### Adjunct to prophylaxis of infection in skin graft donor sites and extensive abrasions

- ▶ TO THE SKIN
- ▶ Child: (consult product literature)

#### Adjunct to short-term treatment of infection in pressure sores

- ▶ TO THE SKIN
- ▶ Child: (consult product literature)

- **UNLICENSED USE** No age range specified by manufacturer.

- **CONTRA-INDICATIONS** Not recommended for neonates

- **CAUTIONS** G6PD deficiency

#### CAUTIONS, FURTHER INFORMATION

- ▶ Large areas Plasma-sulfadiazine concentrations may approach therapeutic levels with *side-effects* and *interactions* as for sulfonamides if large areas of skin are treated.

- **INTERACTIONS** → Appendix 1: silver sulfadiazine

#### ● SIDE-EFFECTS

- ▶ Common or very common Leucopenia · skin reactions
- ▶ Rare or very rare Argyria (following treatment of large areas of skin or long term use) · renal failure

**SIDE-EFFECTS, FURTHER INFORMATION** Leucopenia developing 2–3 days after starting treatment of burns patients is reported usually to be self-limiting and silver sulfadiazine need not usually be discontinued provided