For use by healthcare professionals only

## **Clinical Assessment/Management tool for Children**



History and Diffe	rential Diagnosis		RED FLAGS AND HI	IGH RI
Nappy rash is an acut is most commonly car Skin irritation and alter possible secondary in commonly <i>Staphyloco</i> <u>Non-infective Causer</u> • Allergic contact der • Psoriasis • Infantile seborrheid • Atopic eczema • Zinc deficiency <u>Infective Causes</u> • Fungal skin infection • Perianal streptocod • Eczema herpeticur • Scabies <u>Examination</u> • Features typical of • Erythema, si with sparing • Skin erosion	te inflammatory reaction of the skin in the nappy area, which iused by an irritant contact dermatitis. Irration of its acidic pH predisposes to colonization and ifection with <i>Candida albicans</i> and bacteria (most boccus aureus and streptococci). IS Irmatitis is dermatitis in on-tinea corporis ccal dermatitis in or coxsackium i nappy rash cattered papules over surfaces in contact with nappy of the inguinal skin creases is, oedema, and ulceration	Location, nature, and duration of rash. Predisposing factors • Type of nappy • Use of wipes • Diarrhoea or antibiotics Any treatment previously tried, such as use of barrier preparations Any treatment previously tried, such as use of barrier preparations • Bacterial features: erosions, golden crusting • Examine the rest of the skin on the body • Skin swabs are not generally recommended for the management of nappy rash but consider for a secondary bacterial infection. Images available at: https://dermnetnz.org/topics/napkin-dermatitis-images/	<ul> <li>Deterioration despite a</li> <li>An alternative cause for</li> <li>An immunocompromise</li> <li>Faltering growth</li> <li>Risk factors for the development</li> <li>Type of nappy used —</li> <li>Skin care practices (e. prolonged skin contact dermatitis.</li> <li>Exposure to chemical wipes.</li> <li>Skin trauma — for exal over-vigorous cleaning</li> <li>Medication — recent the colonization; other druities of the development of the developm</li></ul>	advice o or the ra ed patie elopme – more l .g. how t with un irritants ample, r g. broad-sp ugs that e-term in on due t
	pustules, satellite lesions	Monoroment		Conoi
Stage	Features	Management		Consi
Mild Moderate	<ul> <li>Mild erythema, mild scaling and asymptomatic</li> <li>Moderate erythema, oedema and discomfort</li> </ul>	arrier preparations to protect the skin, which are available to buy over-the-counter. dvise to apply thickly at each nappy change. ptions include ProShield, Metanium <sup>®</sup> ointment, bepanthen and white soft paraffin BP ointment. 1 month old, consider topical hydrocortisone 1% cream once a day until symptoms settle or for a aximum of 7 days. oply hydrocortisone after bathing and wait 30 minutes before applying the barrier preparation. eep using barrier preparation with every nappy change		<ul> <li>The car</li> <li>The car</li> </ul>
	Skin erosions, oedema and ulceration	Use barrier preparation in addition to topical imidazole (anti-fungal preparation) for 1 week		
Severe		Prescribe topical imidazole for 1-2 weeks until rash cleared and to continue for a further 1 week     after the rash has cleared		
Severe Candida Infection	Satellite lesions, white papules, positive swabs		for a further 1 week	

This guidance has been reviewed and adapted by healthcare professionals across Humber and North Yorkshire with consent from the Hampshire development groups.

# **Primary and Community Care Settings**

NHS

### **RISK GROUPS**

or treatment

- rash- see alternative conditions
- atient and allergy

#### nent of nappy rash

- re likely with reusable cotton nappies
- ow often the area is cleaned and the nappy changed) urine and faeces predisposes to irritant contact
- nts such as soaps, detergents, or alcohol-based baby
- mechanical friction from skin contact with nappies or
- -spectrum antibiotics, in particular, predispose to candida at increase stool frequency may also increase the risk.
- infants are at increased risk of developing nappy rash e to the reduced barrier function of immature skin.
- ditions associated with increased stool volume and pH, labsorption, and liver conditions such as hepatitis (rare)

#### sider referral to a paediatric dermatologist if:

- There is uncertainty about the diagnosis.
- The rash persists despite optimal treatment in primary care.
- There are recurrent, severe unexplained episodes.