# National Wound and Infection Collaborative Group

A guideline for identification and management of fungal infections associated with incontinence associated dermatitis (IAD)

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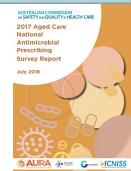












### **Aged Care National Antimicrobial Prescribing Survey**

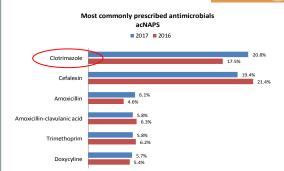
acNAPS is an annual survey that is undertaken on any single day between June and August each year. Participation in the survey assists aged care homes to identify improvements they can make to reduce harm to residents through promoting the appropriate use of antimicrobials, preventing infections, and helping reduce the emergence of antimicrobial resistance. In summary, acNAPS is a quality improvement survey that aims to reduce infections, improve the use of antimicrobials and thereby reduce the SERIOUS threat of antimicrobial resistance.

### 2017 acNAPS identified:

Wide spread use of topical antimicrobials (AM) - 33.1%

Most frequently prescribed AM - Clotrimazole (20.8%)

- Frequently reported (unconfirmed) skin, soft tissue or mucosal infections
- Unnecessary prescribing of antifungals
- Incomplete courses of antifungals
- PRN orders of antifungals
- Adhoc application of antifungals
- Poor or no documentation regarding indication or skin inspections.





The Grampians Region Infection Control Group and Regional Wounds Victoria saw the potential to improve antimicrobial stewardship as well as outcomes for residents by collaborating on the development of an educational resource for clinicians.

Experts in the fields of skin integrity, antimicrobial stewardship and infectious diseases were invited to develop a clinical guideline that details best management of IAD, with or without infection.



## Incontinence Associated Dermatitis with Suspected Infection

Incorporating the Ghent Global IAD Categorisation Tool (GLOBIAD)

ASSESSMENT			MANAGEMENT	
CATEGORY	CRITICAL CRITERIA	ADDITIONAL CRITERIA	CORE MEASURES Use for all IAD categories	TARGETED MEASURES
A. Persistent reduces <u>WITHOUT</u> clinical signs of rection	<ul> <li>Persistent redness</li> <li>A variety of tones of redness may be present.</li> <li>In persons with desirer skin tones, the skin may be paier or desirer than normal, or purple in colour.</li> </ul>	Marked areas or discrimination from a previous pleasing salm cetter.  5 him appearance of the skin Macrested skin Macrested skin Intext vesicles or buller 3 kin may be areas or suclien as palpation 8 burning, Engling, Rening or pain	Investigate for and manage the preventable assets of incontinents such as uninery tred infection, based impaction, excessive unine output, cellifuments.  Screen for pressure injury risk and manage accordingly.  MONITOR, CLEANSE, PROTECT, RESTORE and MONITOR again.	A. President review WITHOUT clinical signs of infect to DICD president entimicrotisi agents, including antifungal creams.
8. Periodest reduces WITH divides signs of fection.  A. Skin loss WITHOUT divides signs of infection	Periodize research as bottom.  Signs of infections can be a vivine sough of the sain inagesting a financial research and signs of infection in agesting a financial research signs in the sain independent sought intention).  *Sain loss as also include in least the financial research and intention in the sain and the s	Marriera seas or dissipuration from a previous phessed just debt.  1 July appearance of the skin. 1 July appearance of the skin. 1 July appearance of the skin. 2 Skin may feet sense or section at palpation. 2 Skin may feet sense or section at palpation. 2 Skin may feet sense or section at palpation. 2 Skin may feet sense or section at palpation or sense or section and to sense. The skin may be paser or sense with onesses and to sense. The skin may be paser or sense that onesses the skin may be paser or sense that onesses the skin may be paser or sense that onesses the skin may be paser or sense that onesses the skin may be paser or sense that the skin may be paser or sense that the skin may be sense.  2 Skin may be sense or sense that the skin may be sense that the skin may be paser or sense that the skin may be sense.  2 Skin may be sense to skin may be sense that the skin may be ski	Lip protects who are incontinued require a state management appropriate programs or required and continued and con	18. Frontiern reterm (ME) dieles figer of infection 18. Frontiern reterm (ME) dieles figer of infection pays partifuger erem (ME) dieles figer influence filmen (ME) die
18. Skin loss WITH clinical signs of infection	Skill tost: As above  signs of infection; such as  -White saling of the skin juggesting a  -White saling of the skin juggesting a  -White saling of the skin juggesting or  -Satellite putuale selbons juggesting or  -Satellite putuale selbons juggesting or  -White saling selbons selbons juggesting or  -White saling selbons within the wound bad,  -Satessing a Passudomoras seruginose  (secerise) whether services  -Satessing selbons or  -White saling selbons or the wound bad.	Persistent recensus. A variety of toose of recensus may be present, in persons with device so into toose, the solid may be paided or device them normally or purple in ordinary them normally or purple in other persistant personal presends and extend a personal presends and extend as in the solid normal personal presends and extend as in the solid normal personal presents of the solid normal personal person		33. Bit in so WTM divises sign or infection size modization brown just 21;  of augented larges infection, apply entitinger oreas of augented angles infection, services are stocked supply sarrier product other entitless; oreas like larges supply sarrier product other entitless; oreas like larges supply sarrier product other entitless; oreas like larges supply sarrier products; or the control of the largest supply sarrier products; or the largest supply sarrier products; or the largest what is a complete and sarrier largest whether to a Completion Analiser or instead whether to a Completion Analiser or instead whether to a Completion Analiser or instead whether to a Completion Analiser or instead or a improvement and 10 sizes.













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  Bitinasoli: 1% cream tapically, cone daily for 2 weeks, or Clatinasoli: 1% cream tapically, none daily for 2 weeks, or Clatinasoli: 1% cream topically, twice daily for 2 weeks, or Economic 1% cream topically, twice daily for 2 weeks, or Microarde: 2% cream topically, twice daily for 2 weeks, or Microarde: 2% cream topically, twice daily for 2 weeks, or Nysatsin 100 000 units/g cream topically, twice daily for 2 weeks

To treat mild cellulitis or erysipeles:

Di/fluclexecilio 500 mg orally 6 hourly for 5 to 10 days.

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A circumscribed le also that contains pus.

A visible accommission of lexastic froming after plate or false.

Enlargement due to accumulation of codema or fluid, including blood. Circumscribed/defined lesion S 1 cm in diameter that contains liquid (clear, serous or haemorrhagic) - a small bliste

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Pilot and evaluation of IAD guideline (to be piloted in two aged care homes in Barwon Health)

- To assess whether for incontinent residents the dissemination of the IAD clinical guideline impacts on their:
  - $\Rightarrow$ **Documentation of skin inspections**
  - Medication therapy (antimicrobials and steroids)
- To enable key stakeholders to provide feedback regarding the dissemination and implementation of the IAD guideline.

Post pilot, the guideline will be refined as necessary and rolled out across the State. It is expected that this guideline will be a prompt for the nurse to assess and manage skin integrity associated with incontinence. It will also enhance communication with GPs to improve AMS in aged care.

