

This Patient Group Direction (PGD) must only be used by registered healthcare professionals who have been named and authorised by their organisation to practice under it. The most recent and in date final signed version of the PGD should be used.

PATIENT GROUP DIRECTION (PGD) Supply of oral matropidazola for the

Supply of oral metronidazole for the treatment of Bacterial Vaginosis (BV) or *Trichomonas vaginalis* (TV) in

Rotherham, Doncaster, and South Humber (RDaSH) NHS Foundation Trust

Version Number 2.1

| Change History | | |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Version and Date | Change details | |
| Version 1.0 July 2020 | New template | |
| Version 1.1 October 2020 | Removed from criteria for inclusion: Any individual with clinical signs suggestive BV or TV Sexual contacts of individuals diagnosed or suspected TV – do not wait for test results to treat. (text struck through removed only) Advisory wording added to inclusion criteria section: NOTE – all criteria for inclusion within the BASHH approved national PGD templates for sexual health are based on diagnostic management in line with BASHH guidance. Where services do not have access to diagnostics and treatment is syndromic then the PGD template will need to be locally adapted to reflect local practice being mindful of the BASHH guidance. | |
| Version 1.2 August 2022 | TV treatment updated in line with updated BASHH guidance | |
| Version 2.0 April 2023 | Updated template: additional clarification regarding interacting medicines. Small formatting/wording changes to align with other SPS sexual health PGD templates. | |
| Version 2.1 October 2023 | Updated PGD development group members. Cockayne syndrome added to exclusions. Statement added regarding risk of prolongation of QT interval with interacting drugs added to exclusions and reflected in interactions section. | |

Reference Number: 2.1 Valid from: July 2023

PGD DEVELOPMENT GROUP

| Date PGD template comes into effect: | July 2023 |
|--------------------------------------|---------------|
| Review date | December 2025 |
| | |
| Expiry date: | June 2026 |

This PGD template has been peer reviewed by the Sexual Health PGDs Short Life Working Group in accordance with their Terms of Reference. It has been approved by the British Association for Sexual Health and HIV (BASHH)/BASHH Bacterial Special Interest Group (BSIG) in February 2023.

This section MUST REMAIN when a PGD is adopted by an organisation.

| Name | Designation |
|-----------------------|---------------------------------------------------------------------------------------|
| Ali Grant | Highly Specialist Clinical Pharmacist: HIV, Sexual and |
| Alican Crompton | Reproductive Health Community pharmacy |
| Alison Crompton | |
| Andrea Smith | Community pharmacy |
| Carmel Lloyd | Royal College of Midwives |
| Chetna Parmar | Pharmacist adviser, Umbrella |
| Clare Livingstone | Royal College of Midwives |
| Deborah Redknapp | English HIV and Sexual Health Commissioners Group (EHSHCG) |
| Dipti Patel | Local authority pharmacist |
| Dr Achyuta Nori | Consultant in Sexual Health and HIV |
| Dr Cindy Farmer | Vice President, General Training Faculty of Sexual and Reproductive Healthcare (FSRH) |
| Dr John Saunders | Consultant in Sexual Health and HIV |
| Dr Rachael Jones | Consultant in HIV and Sexual Health, Chelsea and Westminster NHS Foundation Trust |
| Dr Rita Browne | Consultant in Sexual Health and HIV |
| Dr Sarah Pillai | Pan London PGD working group |
| Emma Anderson | Centre for Pharmacy Postgraduate Education (CPPE) |
| Heather Randle | Royal College of Nursing |
| Jo Jenkins | Lead Pharmacist PGDs and Medicine Mechanisms, Specialist Pharmacy Service |
| Rosie Furner (Working | Specialist Pharmacist PGDs and Medicine Mechanisms, |
| Group Co-ordinator) | Specialist Pharmacy Service |
| Portia Jackson | Pharmacist, Cambridgeshire Community Services |
| Sally Hogan | British Pregnancy Advisory Service (BPAS) |
| Sandra Wolper | Associate Director, Medicines Use and Safety, Specialist Pharmacy Service |
| Tracy Rogers | Director, Medicines Use and Safety, Specialist Pharmacy Service |

Reference Number: 2.1 Valid from: July 2023

Review date: December 2025 Expiry date: 30th June 2026

ORGANISATIONAL AUTHORISATIONS.

| Name | Job title and organisation | Signature | Date |
|----------------|----------------------------------------------------------------------------|-----------|----------|
| Dr Graeme Tosh | Medical Director | T | 22/11/23 |
| Stephen Davies | Chief Pharmacist | Davies | 221, |
| Sheila Lloyd | Director of Nursing and Quality and AHPs | Bllayd | 22/11/23 |
| Anil Rajpal | Senior pharmacist | By Royal | 22/11/23 |
| Tina Proctor | Nurse Consultant Senior representative of professional group using the PGD | Theb | 29/11/23 |

Committee Approval:

| NAME | DATE |
|--------------------------------|------|
| Medicines Management Committee | |

| Date of Implementation | |
|------------------------|--|
| | |

Reference Number: 2.1

Valid from: July 2023 Review date: December 2025 Expiry date: 30th June 2026

Characteristics of staff

| Current contract of employment within a Local Authority or NHS commissioned service or an NHS Trust/organisation. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Registered healthcare professional listed in the legislation as able to practice under Patient Group Directions. |
| The registered healthcare professional authorised to operate under this PGD must have undertaken appropriate education and training and successfully completed the competencies to undertake clinical assessment of patient leading to diagnosis of the conditions listed. |
| Recommended requirement for training would be successful completion of a relevant sexual health module/course accredited or endorsed by the BASHH, CPPE, RCN or a university or as advised in the RCN Sexual Health Education directory. |
| Individual has undertaken appropriate training for working under PGDs for the supply and administration of medicines. Recommended training - <u>eLfH PGD elearning programme</u> |
| The healthcare professional has completed locally required training (including updates) in safeguarding children and vulnerable adults. |
| Individuals operating under this PGD must be assessed as competent (see Appendix A) or complete a self-declaration of competence for Bacterial Vaginosis (BV) or <i>Trichomonas Vaginalis</i> (TV) infection testing and/or treatment. Staff operating under this PGD are encouraged to review their competency using the NICE Competency Framework for health professionals using patient group directions |
| Individuals operating under this PGD are personally responsible for ensuring they remain up to date with the use of all medicines and guidance included in the PGD - if any training needs are identified these should be discussed with the senior individual responsible for authorising individuals to act under the PGD and further training provided as required. Organisational PGD and/or medication training as required. |
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Reference Number: 2.1 Valid from: July 2023

Clinical condition or situation to which this PGD applies

| Clinical condition or situation to which this PGD applies | Bacterial vaginosis (BV) Trichomonas vaginalis (TV) |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Criteria for inclusion | Any individual diagnosed with TV or BV Sexual contacts of individuals diagnosed TV – do not wait for test results to treat. Individuals treated for TV who have had sexual intercourse within 7 days of receiving treatment. |
| | NOTE – all criteria for inclusion within the BASHH approved national PGD templates for sexual health are based on diagnostic management in line with BASHH guidance. Where services do not have access to diagnostics and treatment is syndromic then the PGD template will need to be locally adapted to reflect local practice being mindful of the BASHH guidance. |
| | For example in this PGD template the following may be considered: |
| | Any individual with clinical signs suggestive BV or TV Sexual contacts of individuals diagnosed or suspected TV do not wait for test results to treat. |
| Criteria for exclusion | Personal Characteristics Individuals under 13 years of age Individuals under 16 years of age and assessed as not competent using Fraser Guidelines Individuals 16 years of age and over and assessed as not competent to consent using local safeguarding guidelines Medical history Two or more treated episodes of BV in the past 6 months without confirmation of diagnosis by microscopy TV – positive test of cure where reinfection and non-concordance has been excluded Pelvic pain/suspected pelvic inflammatory disease (PID) Known moderate to severe hepatic impairment Porphyria Alcohol dependence or with general alcohol consumption, a refusal to cease from drinking alcohol during treatment and 48 hours after completion. Cockayne syndrome |
| | Medication history Any concurrent interacting medicine(s) – see Drug Interactions section Concomitant use of another medication known to cause QT prolongation (e.g. haloperidol, sotalol, terfenadine, pimozide) (For further information recommended resources include: CredibleMeds; registration required, or Sudden arrhythmic death syndrome (SADS) - Drugs to avoid) Known allergy/hypersensitivity to metronidazole or tinidazole or any of the constituents found within the medication. |

| Cautions including any relevant action to be taken | The 2g single dose should not be given if the individual is pregnant - use alternative regimen as detailed in dosage section below. |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | If used by an individual who is breast feeding the single 2g dose of metronidazole is considered to be compatible with breastfeeding. |
| | Individuals prescribed warfarin should be advised that concomitant use of metronidazole may affect their INR levels and more frequent INR monitoring may be advised – |
| | individuals should be advised to contact the anticoagulant service monitoring their treatment to seek advice on monitoring requirements. |
| | If the individual is less than 16 years of age an assessment based on Fraser guidelines must be made and documented. If the proportion is dividual is under 13 years of age the. If the proportion is dividual is under 13 years of age the. If the proportion is dividual is under 13 years of age the. If the proportion is dividual is under 13 years of age the. |
| | If the presenting individual is under 13 years of age the healthcare professional should speak to local safeguarding lead and follow the local safeguarding policy (note under 13 years of age excluded from treatment under this PGD). |
| | Discuss with appropriate medical/independent non-medical prescriber any medical condition or medication of which the healthcare professional is unsure or uncertain. |
| Action to be taken if the individual is excluded or | If declined ensure individual is aware of the need for treatment and the potential consequences of not receiving treatment. Proceedings Procede Procede |
| declines treatment | Record reason for decline in the consultation record. Explain the reasons for exclusion to the individual and document in the consultation record. |
| | Where required refer the individual to a suitable health service provider if appropriate and/or provide them with information about further options. |

Description of treatment

| Name, strength & formulation of drug | Metronidazole 200mg, 400 mg or 500mg tablets or oral solution (200mg/5ml) |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Legal category | POM |
| Route of administration | Oral |
| Off label use | Best practice advice is given by BASHH and is used as the reference guidance in this PGD and may vary from the Summary of Product Characteristics (SPC). |
| | Individuals who are pregnant – SPC does not recommend use in first trimester of pregnancy however BASHH guidelines states that meta-analysis have concluded that there is no evidence of teratogenicity (malformation of the embryo) from the use of metronidazole during the first trimester of pregnancy. |
| | Medicines should be stored according to the conditions detailed in the Storage section below. However, in the event of an inadvertent or unavoidable deviation of these conditions the local pharmacy or Medicines Management team must be consulted. Where medicines have been assessed by pharmacy/Medicines Management in accordance with national or specific product recommendations as appropriate for continued use this would constitute off-label supply under this PGD. The responsibility for |

| | the decision to release the affected drugs for use lies with |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------|
| | pharmacy/Medicines Management. |
| | Where a medicine is recommended off-label consider, as part of |
| | the consent process, informing the individual/parent/carer that the |
| | drug is being offered in accordance with national guidance but |
| | that this is outside the product licence. |
| Dose and frequency of | Individuals with BV: |
| administration | According to local protocol: |
| | Single 2g dose (e.g.5x400mg tablets all at once) (not in pregnant individuals) or |
| | 400mg to be taken twice a day for 5 days or |
| | 400mg to be taken twice a day for 7 days |
| | 400 mg to be taken twice a day for 7 days |
| | Individuals with TV: |
| | First line – 400mg – 500mg to be taken twice daily for 7 days |
| | Second line (individuals unlikely to adhere with 7 day regime |
| | but who are not pregnant) - single 2g dose |
| | |
| | Women living with HIV diagnosed with TV: |
| | 400mg-500mg to be taken twice a day for 7 days |
| | 500mg dose considerations – BASHH states the following in |
| | their TV guidance: "While it is recognised that 400mg is the |
| | standard dose of metronidazole used in the UK, most of the |
| | recent evidence is based on 500mg and this dose is also listed in |
| | the British National Formulary. It is therefore recommended to use |
| | 500mg twice daily for 7 days where 500mg tablets are |
| | available. 400mg twice daily for 7 days is an acceptable |
| | alternative." |
| | 500mg tablets are not widely manufactured in the UK so |
| | organisations should consider availability (including of pre- |
| | packs/over labelled packs), supply chain reliability and cost when |
| | considering the product to be supplied. |
| | |
| Quantity to be supplied | Single dose (2g): appropriately labelled pack of 400mgx5 |
| | tablets/200mgx10 tablets/1x100ml bottle of 200mg/5ml liquid |
| | OR |
| | Five-day course (400mg): appropriately labelled pack of 400mgx10 tablets/200mgx20 tablets/1x100ml bottle of |
| | 200mg/5ml liquid |
| | OR |
| | Seven-day course (400mg): appropriately labelled pack of |
| | 400mgx14 tablets/200mgx28 tablets/2x100ml bottles of |
| | 200mg/5ml liquid |
| | OR |
| | Seven-day course (500mg): appropriately labelled pack of |
| Storage | 500mgx14 tablets (see notes above) |
| Storage | Medicines must be stored securely according to national |
| Drug interactions | guidelines and in accordance with the product SPC. All concurrent medications should be reviewed for interactions. A |
| Didy interactions | detailed list of all drug interactions is available in the BNF or the |
| | product SPC Seek advice from an appropriate clinician/Medicines |
| | |

| Company of the Company of the Aut | Advisory Service if required. |
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| | |
| | Individuals concurrently prescribed the following medications are excluded from treatment under this PGD and must be referred to an appropriate prescriber: o 5 fluorouracil o ciclosporin o busulfan o lithium o phenobarbital o phenytoin o Concomitant use of another medication known to |
| | cause QT prolongation (e.g. haloperidol, sotalol, terfenadine, pimozide) (For further information recommended resources include: CredibleMeds; registration required, or Sudden arrhythmic death syndrome (SADS) - Drugs to avoid) |
| Identification & management | A detailed list of adverse reactions is available in the SPC, which |
| of adverse reactions | is available from the electronic Medicines Compendium website: |
| | www.medicines.org.uk and BNF www.bnf.org |
| | The following side effects are frequently reported with |
| No. of the Control of | metronidazole but do not reflect all reported side effects: |
| THE PARTY OF THE P | • nausea |
| | vomiting gastrointestinal disturbance |
| | diarrhoea |
| | abdominal pain |
| | an unpleasant taste in the mouth may occur which will |
| | continue throughout the duration of treatment but will resolve |
| Management of and | once treatment finishes Healthcare professionals and patients/carers are encouraged |
| reporting procedure for adverse reactions | to report suspected adverse reactions to the Medicines and Healthcare products Regulatory Agency (MHRA) using the Yellow Card reporting scheme on: |
| | http://yellowcard.mhra.gov.uk Record all adverse drug reactions (ADRs) in the patient's |
| | medical record. |
| | Report via organisation incident policy. |
| Written information and | Medication: |
| further advice to be given to individual | Give patient information leaflet (PIL) provided with the original pack. Explain mode of action, side effects, and benefits of the medicine |
| | Advise that no alcohol should be taken for the duration of the treatment and for 48 hours after the course has been completed. |
| | Advise to swallow the tablets whole with plenty of water and to |
| | take with or after food If adverse reaction to treatment occurs advise individual to |
| | If adverse reaction to treatment occurs advise individual to contact clinic for further advice |
| | Individuals who are breast feeding should be advised that metronidazole can cause breast milk to have a bitter taste |
| | which may cause some difficulties with feeding |

 Seek advice from a pharmacist/nurse or doctor if any new medications are prescriber or started during the metronidazole course including those medications purchased over the counter.

Condition (general):

- Individuals diagnosed with BV/TV should be offered information (verbal, written and/or digital) about their diagnosis and management
- Offer condoms and advice on safer sex practices and offer the options for screening for sexually transmitted infections (STIs).
- Where treatment not supplied via a sexual health clinic ensure the individual has contact details of local sexual health services.

Condition (specific):

Bacterial vaginosis

- If symptoms persist/worsen advise individual to contact clinic
- Avoid local excessive washing, bubble baths, soaps, douching - advise use of emollient as a soap substitute
- BV is not an STI
- No screening or treatment of partner(s) is required
- Give general advice including information about possible triggers for BV.
- Advise that regular condom use may reduce the frequency of BV recurrence.

Trichomonas vaginalis

- TV is an STI
- Screening and treatment of partner(s) is required
- Abstain completely from sexual intercourse (even with condom) including oral sex, for 7 days and for 7 days after partner(s) treated, and follow up is complete
- Warn of risk of re-infection and further transmission of infection, if sexual intercourse takes place within 7 days of treatment starting or with an untreated partner
- Discuss partner notification and issue contact slips if appropriate
- Discuss implications of incomplete treatment

Follow up treatment

- The individual should be advised to seek medical advice in the event of an adverse reaction.
- Follow local protocol for follow up and partner notification
- Individuals with Trichomonas Vaginalis (TV): should be advised to re-attend a sexual health clinic (face to face or remotely) 4 weeks following treatment for:
 - o test of cure only if symptoms persist
 - o confirmation of compliance with treatment
 - retaking the sexual history to explore the possibility of re-infection
 - o pursuing partner notification and health promotion

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Record: Records The consent of the individual and o If individual is under 13 years of age record action o If individual is under 16 years of age document capacity using Fraser guidelines. If not competent record action taken. If individual over 16 years of age and not competent, record action taken If individual not treated under PGD record action taken Name of individual, address, date of birth GP contact details where appropriate Relevant past and present medical and sexual history, including medication history. Examination or microbiology finding/s where relevant. Any known allergies and nature of reaction Name of registered health professional Name of medication supplied Date of supply Dose supplied Quantity supplied including batch number and expiry date in line with local procedures. Advice given about the medication including side effects, benefits, and when and what to do if any concerns Advice given, including advice given if excluded or declines treatment Details of any adverse drug reactions and actions taken Any referral arrangements made Any supply outside the terms of the product marketing authorisation Recorded that supplied via Patient Group Direction (PGD) Records should be signed and dated (or a password controlled e-

Records should be signed and dated (or a password controlled erecords) and securely kept for a defined period in line with local policy.

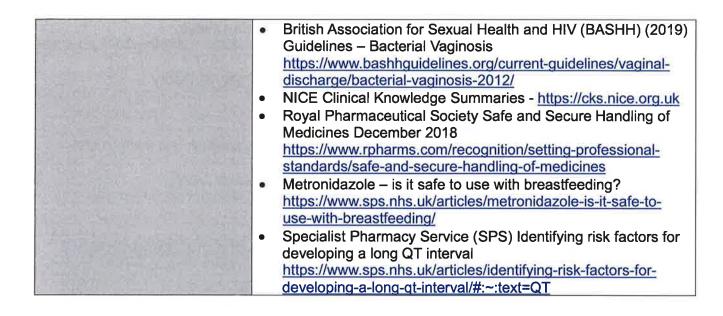
All records should be clear, legible and contemporaneous.

A record of all individuals receiving treatment under this PGD should also be kept for audit purposes in accordance with local policy.

Key references

Key references (accessed January 2023, September 2023) Electronic Medicines Compendium http://www.medicines.org.uk/ Electronic BNF https://bnf.nice.org.uk/ NICE Medicines practice guideline "Patient Group Directions" https://www.nice.org.uk/guidance/mpg2 British Association for Sexual Health and HIV (BASHH) (2021) Guidelines – Trichomonas Vaginalis https://www.bashhguidelines.org/media/1310/tv-2021.pdf

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Appendix A - Registered health professional authorisation sheet PGD Name/Version Metronidazole Valid from: 1st July 2023 Expiry: 30TH June 2026

Before signing this PGD, check that the document has had the necessary authorisations. Without these, this PGD is not lawfully valid.

Registered health professional

By signing this PGD you are indicating that you agree to its contents and that you will work within it.

PGDs do not remove inherent professional obligations or accountability. It is the responsibility of each professional to practise only within the bounds of their own competence and professional code of conduct.

| professional code of conduct. | | | | |
|-------------------------------|-------------|-----------|-----|--|
| Name | Designation | Signature | Dat | |
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Authorising manager

| themselves suita authorisation on b | registered health profession ably trained and competer chalf of RDaSH NHS Foun ofessionals who have sign | t to work under this P dation Trust for the al | GD. I give pove named |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------|
| Name | Designation | Signature | Date |
| | | | |

Note to authorising manager

Score through unused rows in the list of registered health professionals to prevent additions post managerial authorisation.

This authorisation sheet should be retained to serve as a record of those registered health professionals authorised to work under this PGD.

This information will be retained by the Chief Pharmacist of RDASH NHS Foundation Trust.

Reference Number: 2.1 Valid from: July 2023