# Highland Orkney Shetland Tayside Eileanan Siar Western Isles

Patient Group Direction For The Supply Of Podophyllotoxin For The Treatment Of External Genital Warts By Nurses Working Within NHS Grampian, Highland, Orkney, Shetland, Tayside And Western Isles

Lead Author: Adapted from SPS/BASHH	Approver: NoS PGD Group
PGD Supply of podophyllotoxin 0.15% w/w cream or 0.5% w/v solution for the treatment of external anogenital warts Version 2.1 – Published – October 2023	Authorisation: NHS Grampian

Signature:	Signature:
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NoS Identifier: NoS/PGD/Podophyllotoxin/ 1452	Review Date: July 2026	Date Approved by NoS: 5 <sup>th</sup> April 2024
	Expiry Date: January 2027	

NHS Grampian, Highland, Orkney, Shetland, Tayside and Western Isles have authorised this Patient Group Direction to help individuals by providing them with more convenient access to an efficient and clearly defined service within the NHS Boards. This Patient Group Direction cannot be used until Appendix 1 and 2 are completed.

Uncontrolled when printed

Version 2.1

### **Revision History for NoS:**

NoS PGD that has been superseded NoS/PGD/Podophyllotoxin/1171, Version 1		1	
Date of change	Summary of Changes Section heading		Section heading
November 2023	Reference to	NoS Appendix 1 and 2.	Authorisation
November 2023	Statement a the NMC.	dded in about nurses being registered by	Professional registration
November 2023		Removed SPS advised training and added TURAS  NoS PGD training link added.  Initial Training	
November 2023	Added in statement about capacity under the age of 13 and the legislation statement added.  Criteria for inclusion		
November 2023	Note added about contacting child protection if child under 12 presents.  Criteria for exclusion		
November 2023	NICE Competency framework statement removed.  Competency assessment		
November 2023	Added clinical systems utilised.		Records
January 2024	Changed age 19 to age 18 for clarity when following local young person's risk assessment.		Criteria for inclusion
March 2024	NoS over label supply statement added Legal Category		

### **SPS/BASHH** most recent changes

Change History	
Version and Date	Change details
Version 1 February 2021	New template
Version 2.0 July 2023	<ul> <li>Reviewed template. Updated PGD development group members.</li> <li>Reviewed SPC and one additional statement in exclusion criteria. Some minor formatting and rewording to align with other sexual health PGDs.</li> </ul>
Version 2.1 October 2023	<ul> <li>Removed references to Condyline product which has been withdrawn.</li> <li>Updated membership PGD development group.</li> </ul>

**Review date:** The review date for a PGD needs to be decided on a case-by-case basis in the interest of safety. The expiry date should not be more than 3 years, unless a change in national policy or update is required.

#### Authorisation

This specimen Patient Group Direction (PGD) template has been produced by SPS/BASHH and adapted by North of Scotland PGD Group (NoS) to assist NHS Boards. NHS Boards should ensure that the final PGD is considered and approved in line with local clinical governance arrangements for PGDs.

The qualified health professionals who may supply medicines under this PGD can only do so as named individuals. It is the responsibility of each professional to practice within the bounds of their own competence and in accordance with their own Code of Professional Conduct and to ensure familiarity with the manufacturer's product information/Summary of Product Characteristics (SmPC) for all medicines administered in accordance with this PGD.

NHS Board governance arrangements will indicate how records of staff authorised to operate this PGD will be maintained. Under PGD legislation there can be no delegation. Administration of the medicines has to be by the same practitioner who has assessed the patient under the PGD.

All authorised staff are required to read the PGD and sign the Agreement to Administer or Supply Medicines Under PGD (Appendix 1).

A Certificate of Authorisation (Appendix 2) signed by the authorising professional/manager should be supplied. This should be held in the individual health professional's records, or as agreed within the individual Health Board.

	as been produced fo				
Doctor	Dr Ciara Cunningham	Signature	C CAh	Date Signed	06/03/2024
	Gayle Anderson	Signature	-	Date Signed	19/03/2024
Nurse	Julia Penn	Signature	Julia Penn	Date Signed	14/03/2024

### Approved for use within NoS by:

NoS Group Chair	Signature	Date Signed
Lesley Coyle	A	20/03/2024

### Authorised and executively signed for use within NoS by:

NHS Grampian Chief Executive	Signature	Date Signed
Adam Coldwells – Interim Chief Executive	Almbur	05/04/2024

### Version 2.1 – Approved for NoS from 5th April 2024

### **PGD DEVELOPMENT GROUP**

Date PGD template comes into effect:	February 2024
Review date	July 2026
Expiry date:	January 2027

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

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

Name	Designation
Ali Grant	Highly Specialist Clinical Pharmacist: HIV, Sexual and
	Reproductive Health
Alison Crompton	Community pharmacy
Amy Moore	Pharmacist HIV, Sexual and Reproductive Health Kingston
	Hospital NHS Foundation Trust
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	Chair General Training Committee
	Faculty of Sexual and Reproductive Healthcare (FSRH)
Dr John Saunders	Consultant in Sexual Health and HIV
Dr Rita Browne	Consultant in Sexual Health and HIV
Dr Sarah Pillai	Associate Specialist
Emma Anderson	Centre for Pharmacy Postgraduate Education (CPPE)
Heather Randle	Royal College of Nursing
Jo Jenkins	Lead Pharmacist Patient Group Directions and Medicines
	Mechanisms, Specialist Pharmacy Service
Jodie Crossman	Specialist Nurse. BASHH SHAN SIG Chair
Jodie Walker-	Specialist Nurse, BASHH Board Nurse Representative, BASHH
Haywood	SHAN SIG Secretary
Leanne Bobb	English HIV and Sexual Health Commissioners Group (EHSHCG)
Michelle Jenkins	Advanced Nurse Practitioner, Clinical Standards Committee
	Faculty of Sexual and Reproductive Healthcare (FSRH)
Portia Jackson	Pharmacist, Cambridgeshire Community Services
Rosie Furner	Specialist Pharmacist - Patient Group Directions and Medicines
(Working Group Co-	Mechanisms, Specialist Pharmacy Service
ordinator)	
Vicky Garner	Consultant Midwife British Pregnancy Advisory Service (BPAS)
Sandra Wolper	Associate Director Specialist Pharmacy Service
Tracy Rogers	Director Specialist Pharmacy Service

### **Characteristics of staff**

Qualifications and professional registration	Registered nurses and midwives as recognised by the Nursing and Midwifery Council (NMC).
Initial training	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 an individual 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.  Have undertaken NoS PGD module training on TURAS Learn.  The healthcare professional has completed locally required training (including updates) in safeguarding children and vulnerable adults.
Competency assessment	Individuals operating under this PGD must be assessed as competent (see <u>Appendix 1</u> and <u>Appendix 2</u> ) or complete an appropriate self-declaration of competence for relevant testing and/or treatment.
Ongoing training and competency	<ul> <li>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.</li> <li>Organisational PGD and/or medication training as required by employing Trust/organisation.</li> </ul>
	edication rests with the individual registered health by the PGD and any associated organisational policies.

## Clinical condition or situation to which this PGD applies

Clinical condition or situation to which this PGD applies	Treatment of external anogenital warts.
Criteria for inclusion	<ul> <li>Individuals who present with external non-keratinised anogenital warts.</li> <li>Consent given.</li> <li>Aged 13 years and over. All individual under the age of 18 years - follow local young person's risk assessment or equivalent local process.</li> <li>Individuals under 16 years of age may give consent for the supply of Podophyllotoxin, provided they understand fully the benefits and risks involved. The individual should be encouraged to involve a parent/guardian, if possible, in this decision. Where there is no parental involvement and the individual indicates that they wish to accept the supply, supply should proceed, if the healthcare professional deems the individual to have the legal capacity to consent. The Age of Legal Capacity (S) Act 1991, s2 (4) states that 'a person under the age of 16 years shall have legal capacity to consent on their own behalf to any surgical, medical or dental procedure or treatment where, in the opinion of a qualified medical practitioner attending them, they are capable of understanding the nature and possible consequences of the procedure or treatment.</li> </ul>
Criteria for exclusion	<ul> <li>Consent not given.</li> <li>Individuals under 13 years of age*.</li> <li>Individuals under 16 years old and assessed as lacking capacity to consent using the Fraser Guidelines.</li> <li>Individuals 16 years of age and over and assessed as lacking capacity to consent.</li> <li>Medical history</li> <li>Known or suspected pregnancy</li> <li>Breastfeeding</li> <li>Keratinised warts (refer to imiquimod PGD/consider other treatment options)</li> <li>Practitioner cannot accurately determine that the lesions are genital warts</li> <li>Individual has already not responded to a 8 week course of treatment with podophyllotoxin</li> <li>Concomitant use with other podophyllotoxin containing preparations</li> <li>Inflamed, ulcerated or broken skin</li> </ul>

- Open wounds (i.e. following a surgical procedure) or bleeding wounds
- Warts on internal mucosal skin (vaginal or anal canal) urethral meatus, cervix
- Extra genital warts
- Individuals who are unable to apply the podophyllotoxin preparation safely
- Warts involving an area greater than 4 cm<sup>2</sup>.

### **Medication history**

 Known hypersensitivity or allergy to podophyllotoxin or any other constituent or excipient of the medicine - see Summary of Product Characteristics

**Note:** Discuss with appropriate medical/independent nonmedical prescriber any medical condition or medication of which the healthcare professional is unsure or uncertain.

\*Children under the age of 13 years should not be treated under this PGD. (The child protection team must be contacted for children of 12 years and under who present having had sexual intercourse). For those aged 13-16 years consider child protection team referral for these individuals if appropriate and according to local Board protocols.

# Cautions including any relevant action to be taken

- An individual with impaired cell mediated immunity (e.g. those with HIV or transplant recipients) may respond poorly to treatment and have higher relapse rates. The British Association for Sexual Health and HIV (BASHH) recommends careful follow-up of these individuals follow up in these individuals should be arranged with a specialist.
- Counsel women of the importance of avoiding pregnancy during treatment. If women become pregnant during treatment, they should stop using podophyllotoxin and return to the clinic.
- All individuals of child bearing potential should be advised to use contraception, and seek advice if they become pregnant whilst using podophyllotoxin products

   see section Written information and further advice to be given to individual.
- If the individual is less than 16 years of age an assessment based on Fraser guidelines must be made and documented.

	<ul> <li>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).</li> <li>Inability to stay away from open or naked flames (e.g. smokers): due to risk of severe burns.</li> <li>Discuss with appropriate medical/independent nonmedical prescriber any medical condition or medication of which the healthcare professional is unsure or uncertain.</li> </ul>
Action to be taken if the individual is excluded or declines treatment	<ul> <li>Record reason for decline in the consultation record.</li> <li>Explain the reasons for exclusion to the individual and document in the consultation record.</li> <li>Discuss alternative means of therapy, e.g. cryotherapy or imiquimod for keratinised warts, if appropriate, and where required refer the individual to a suitable health service provider and/or provide them with information about further options.</li> </ul>

# **Description of treatment**

Name, strength and formulation of drug	Podophyllotoxin 0.5% w/v solution - 3mL bottle				
Tormulation of arag	OR				
	Podophyllotoxin 0.15% w/w cream - 5g tube				
Legal category	POM				
	In accordance with the MHRA all medicines supplied under a PGD must either be from over-labelled stock, or be labelled appropriately in accordance with the regulatory body guidelines for the labelling of medicines for the professional providing the supply.				
Route of administration	Topical				
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).  This PGD includes off label use in the following conditions:  • The Warticon® brand of both cream and solution is not licensed for use in those under 18 years of age.				

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 administration 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.
<ul> <li>Apply twice daily (every 12 hours) for three consecutive days.</li> <li>Then no treatment for four days.</li> <li>Repeat for three to four further weeks depending on product used (see below for maximum duration).</li> </ul>
Maximum period of treatment under this PGD is:
<ul> <li>Warticon® cream and liquid up to 4 weeks total.</li> <li>A second four/five week treatment course may be started under this PGD after review as a separate episode of care.</li> <li>Advise to stop treatment once no visible lesions remain.</li> </ul>
·
Podophyllotoxin solution 0.5% w/v 1 bottle of 3mL
OR Podophyllotoxin Cream 0.15% w/w 1 tube of 5g
Medicines must be stored securely according to national guidelines and in accordance with the product SPC.
Specifically for the product included in this PGD:
<ul> <li>Podophyllotoxin solution: Warticon® (containing 0.5% Podophyllotoxin in 3mL)</li> <li>Should be stored below 25°C.</li> <li>Keep container tightly closed when not in use. Contents are flammable. Keep away from fire, flame or heat.</li> <li>Do not leave Warticon® solution in direct sunlight.</li> </ul>

Drug interactions	Whilst there are no clinically significant interactions lister within this PGD all concurrent medications should be reviewed for interactions.  A detailed list of all drug interactions is available in the BNF or the product SPC.  Seek advice from an appropriate clinician/Medicines Advisory Service if required.		
Identification and management of adverse reactions	<ul> <li>A detailed list of adverse reactions is available in the SPC and BNF.</li> <li>The following side effects are very common/common with podophyllotoxin: <ul> <li>Application site irritation (including erythema, pruritus, skin burning sensation).</li> </ul> </li> <li>The excipients of Warticon® cream include: <ul> <li>Methyl and propyl parahydroxybenzoate which may cause allergic reactions (possibly delayed).</li> </ul> </li> <li>Sorbic acid, stearylalcohol and cetylalcohol which may cause local skin reactions, (e.g. contact dermatitis).</li> <li>Butyl hydroxyanisole which may cause local skin reactions (e.g. contact dermatitis), or irritation to the eyes and mucous membranes.</li> </ul>		
Management of and reporting procedure for adverse reactions	<ul> <li>Healthcare professionals and indiivudals/carers are encouraged to report suspected adverse reactions to the Medicines and Healthcare products Regulatory Agency (MHRA) using the Yellow Card reporting scheme.</li> <li>Record all adverse drug reactions (ADRs) in the individual's clinical record.</li> <li>Report via DATIX.</li> </ul>		
Written information and further advice to be given to individual	<ul> <li>Medication (general):</li> <li>Give manufacturer information leaflet (PIL) provided with the original pack. Explain mode of action, side effects, and benefits of the medicine.</li> <li>Hands should be washed thoroughly before and after application.</li> <li>Podophyllotoxin preparations should not come into contact with the eyes. If this occurs, the eye should be thoroughly rinsed with water.</li> <li>Avoid applying the cream to healthy surrounding tissue and open wounds.</li> <li>Occlusive dressings should not be used on areas treated with the cream.</li> </ul>		

- Local irritation may occur on the second or third day of application associated with the start of wart necrosis. In most cases, the reactions are mild. If severe local skin reactions occur (bleeding, swelling, excessive pain, burning, itching) the cream should be washed immediately from the treatment area with mild soap and water, treatment discontinued and the individual advised to seek medical advice.
- To avoid smoking, or being near an open flame during application and immediately after using podophyllotoxin solution.

### **Product specific counselling:**

### Warticon® cream- containing podophyllotoxin 0.15%w/w in 5g

- The affected area should be thoroughly washed with soap and water and dried prior to application.
- Using a fingertip, the cream should be applied twice daily morning and evening (every 12 hours) for 3 consecutive days using only enough cream to just cover each wart. The cream should then be withheld for the next 4 consecutive days.
- Application to the surrounding normal tissue should be avoided.
- Residual warts should be treated with further courses of twice daily applications for three days at weekly intervals, if necessary for a total of 4 weeks of treatment.
- Hands should be washed thoroughly after application.

### Warticon<sup>®</sup> solution- containing podophyllotoxin 0.5%w/v in 3mL

- The affected area should be thoroughly washed with soap and water and dried prior to application.
- Warticon® should be applied twice daily, morning and evening (every 12 hours) for 3 consecutive days. The treatment should then be withheld for the next 4 consecutive days.
- Application to the surrounding normal tissue should be avoided.
- If residual warts persist, this 3-day treatment may be repeated weekly until there is no visible wart tissue or for a total of 4 weeks of treatment.
- Warticon<sup>®</sup> solution should be applied to the warts with the applicator supplied with the solution.
- Due to the flammable nature of Warticon® solution. individuals should avoid smoking or being near an open flame during application and immediately after use.

	<ul> <li>The solution should be allowed to dry before opposing skin surfaces are returned to their normal position.</li> <li>Warticon® solution is flammable and should be kept away from naked flames. A manufacturer information leaflet is provided with the product giving details on the use and handling of the product.</li> <li>Condition:         <ul> <li>Individuals diagnosed with anogenital warts should be offered information (verbal, written and/or digital) about their diagnosis and management.</li> <li>Counsel females of the importance of avoiding pregnancy during treatment. If a female becomes pregnant during treatment, they should stop using podophyllotoxin and return to the clinic.</li> <li>Avoid sexual contact without condoms soon after application, and until the skin has healed. This is because of a possible irritant effect on the partner.</li> <li>Advise that as per BASHH guidelines, a change in therapy is indicated if either the individual is not tolerating the current treatment, or there is less than a 50% response to the current treatment by 4 to 5 weeks – individual should be advised to attend the clinic for review.</li> <li>Offer screening for other STIs as appropriate.</li> <li>Offer condoms and advice on safer sex practices and possible need for screening for sexually transmitted infections (STIs).</li> <li>Where treatment not supplied via a sexual health clinic ensure the individual has contact details of local sexual health services.</li> </ul> </li> </ul>
Follow up treatment	<ul> <li>The individual should be advised to seek medical advice in the event of an adverse reaction.</li> <li>If symptoms worsen and/or are unresolved after completing the course, counsel individual to return to the clinic for further advice.</li> </ul>
Records	Record:
	<ul> <li>The consent of the individual and         <ul> <li>If individual is under 13 years of age record action taken</li> <li>If individual is under 16 years of age document capacity using Fraser guidelines. If not competent record action taken</li> <li>If individual over 16 years of age and not competent, record action taken</li> </ul> </li> <li>If individual not treated under PGD record action taken</li> <li>Name of individual, address, date of birth</li> </ul>

- 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) 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.

Depending on the clinical setting where supply is undertaken, the information should be recorded manually or electronically, in one (or more) of the following systems, as appropriate:

- NaSH Sexual Health Electronic Patient Record
- BadgerNet Digital Maternity Notes
- **HEPMA**
- Individual's GP records if appropriate

Individual service specific systems.

### **Key references**

### Key references (accessed **April 2023)**

- **Electronic Medicines Compendium** http://www.medicines.org.uk/
- Electronic BNF <a href="https://bnf.nice.org.uk/">https://bnf.nice.org.uk/</a>
- NICE Medicines practice guideline "Patient Group Directions" https://www.nice.org.uk/guidance/mpg2
- BASHH UK National Guidelines on the Management of Anogenital Warts 2015 https://www.bashhquidelines.org/media/1075/uknational-guideline-on-warts-2015-final.pdf
- Royal Pharmaceutical Society Safe and Secure Handling of Medicines December 2018 https://www.rpharms.com/recognition/settingprofessional-standards/safe-and-secure-handling-ofmedicines
- MHRA: Emollients: new information about risk of severe and fatal burns with paraffin-containing and paraffin-free emollients (2018) Emollients: new information about risk of severe and fatal burns with paraffin-containing and paraffin-free emollients -GOV.UK (www.gov.uk)



# **Appendix 1 - Healthcare Professional Agreement to Supply Medicine(s) Under Patient Group Direction**

l:	(Inse	ert name)
Working within:	e.g.	Area, Practice
Agree to supply the medicine(	s) contained within the following Patient G	oup Direction:
Treatment Of External	n For The Supply Of Podophylloto Genital Warts By Nurses Working orkney, Shetland, Tayside And Wes Version 2.1	Within NHS
supply the medicine(s) under t	ate training to my professional standards e the above direction. I agree not to act beyon out with the recommendations of the direc	ond my
Signed:		
Print Name:		
Date:		
Profession:		
Professional Registration number/PIN:		



# Appendix 2 - Healthcare Professionals Authorisation to Supply **Medicine(s) Under Patient Group Direction**

The Lead manager/Professional of each clinical area is responsible for maintaining records of all clinical areas where this PGD is in use, and to whom it has been disseminated.

The Senior Nurse/Professional who approves a healthcare professional to supply the medicine(s) under this PGD is responsible for ensuring that they are competent, qualified and trained to do so, and for maintaining an up-to-date record of such approved persons.

The Healthcare Professional that is approved to supply the medicine(s) under this PGD is responsible for ensuring that they understand and are qualified, trained and competent to undertake the duties required. The approved person is also responsible for ensuring that supply is carried out within the terms of the direction, and according to their individual code of professional practice and conduct.

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Local clinical area(s) where the listed healthcare professionals will operate under this PGD:

Name of Healthcare Professional	Signature	Date	Name of Manager	Signature	Date

# Patient Group Direction For The Supply Of Podophyllotoxin For The **Treatment Of External Genital Warts By Nurses Working Within NHS** Grampian, Highland, Orkney, Shetland, Tayside And Western Isles -Version 2.1

Name of Healthcare Professional	Signature	Date	Name of Manager	Signature	Date