

Innovation Brief

Medical Pulp and Associated Products Pee in Pot (PIP) Midstream Urine (MSU) Collection

Summary

Incremental Innovation

This briefing introduces an incremental innovation newly available via NHS Supply Chain: The PIP has been reviewed by clinical specialists and supported by key stakeholders. This device offers a novel approach to managing collection of MSU for analysis.

Introduction

This document is intended to inform clinical stakeholders and procurement teams about innovative products that have undergone a clinical review and are now accessible through NHS Supply Chain.

Products featured in this brief may be classified as:

- Incremental innovation

Incremental innovation is defined as an improvement to a device that already exists within the health system that positively affects the delivery of care or wider system.

For a device to be defined as incremental, it should:

- Already exist in some capacity in the health and care system
- Offer improvements to the existing provision of care or wider health system e.g. meeting net zero goals

Products/technologies that fall into the following category are out of scope:

- Offer continuous improvement: enhancing a process at the working level using technology or devices that are already available (the device does not change but may be used in a new way to increase efficiency).

Note: While robust evidence or validated savings may not yet be available, early data and clinical insights support the potential for patient and system-level improvements.

Departments / Stakeholders for Engagement

- NHS Procurement Teams
 - Clinical Procurement Specialist Network
 - Somerset PIP team – Somerset NHS Foundation Trust

Opportunity

The PIP presents an opportunity to enhance patient care by:

- Being more sustainable than the current MSU analysis collection process
- Being less time consuming for staff and patients
- Giving consistency in practice to trusts
- Removing some non-compliant MSU collection processes

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Product Overview

Current Process of Collection

This visual demonstrates change process at the pilot/original site, variance of products used may be in place within organisations, please note we can support with analysis and discussion around this as part of overall engagement.



PIP Process of Collection



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Somerset
NHS Foundation Trust

Pee-in-Pot

A Sustainable Alternative for Midstream Urine (MSU) Collection to Other Methods

Completely biodegradable and seven times more environmentally friendly compared to collecting urine in sterile bowls (John, 2024).

[Order Now](#)

From only 34p Per PIP

NHS professionals recommend PIP

Clinical Relevance

Additional Benefits

- Carbon Footprint reduction – impact of using the UniWee as opposed to cathetorisation,
- less plastic clinical waste.

Current volume of MSU tests carried out within a hospital setting (Somerset: 29,000/year), 2,500,000 per year (GB)

- 78% minimum carbon reduction from a simplified process
- Estimated carbon savings per annum for NHS of three tonnes
- The PIP is flushed via a macerator
- Four items removed from the MSU process, (three plastic)
- Incineration cost savings > £250 per 1,000 in-pts/Yr.

Cautions

- Not all trusts have a standardised process for collection of MSU.

Pathway Change

- We would be hopeful of a pathway change but alternatively PIP would become best practice for adopting trusts for collection of MSU.

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Supply Details

- NPC code: FBF85178
- MPC – PIP25
- Route – eDirect
- Supplier – Polyco Healthline Limited
- Brand – PIP
- Unit of Issue – Case 250
- Class 1 Medical Device – No Shelf Life – Single Use

Supporting Evidence / Notes

Contact Details

Care Pathway Team (1st Point of Contact)
cpt.vbhenquiries@supplychain.nhs.uk

Category Buyer: Kirsty Dodson
Kirsty.dodson@supplychain.nhs.uk

Clinical Specialist: Dr Nick Burns-Cox
nick.burns-cox@somersetFT.nhs.uk

Category Manager: Parmjit Gill
Parmjit.gil@supplychain.nhs.uk