AN INTEGRATED CARE PATHWAY FOR PERITONEAL DIALYSIS CATHER INSERTION AND POST INSERTION MANAGEMENT

The Process and Impact on Practice

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To Demonstrate the impact of an Integrated Care Pathway (ICP) on:

- Patient Experience
- Patient Safety
- Clinical effectiveness
**Brief Explanation of Peritoneal Dialysis**

Dialysis is a process to remove waste and restore normal constituents of the blood by exposing it to a special solution (dialysate), through a semi-permeable membrane.

Peritoneal Dialysis is a form of dialysis (also termed renal replacement therapy) that uses the peritoneum as a filter.

Glucose is the osmotic agent in the dialysis fluid.

Performed by the patient at home.

Dialysis that allows the patient to be mobile and can be adapted to allow holidays, work, family activities and successful relationships.
Pre Pathway:

- No clear pathway
- Inconsistent care
- Lapses in protocols
- Elements of care omitted
- Poor documentation

<table>
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<th>Intervention</th>
<th>Number of Lapses in 2006 (n=70)</th>
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<td>Pre Insertion Bladder emptying</td>
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Action:

➢ To produce an ICP document that directs the medical professional to follow a standardised process, from the point of the patient deciding to have peritoneal dialysis as their renal replacement therapy of choice to being confidently established on peritoneal dialysis
Process

1. **A draft ICP was produced and 1 paper copy was sent in turn to each member/stakeholder requesting their comments on the one copy. Each member could see all the previous comments made**
   - Revision of the ICP based upon the feedback gained

2. **Pilot commenced**
   - The process continued: Re audit of lapses, continued feedback, continued review of the pathway and ongoing pilot 2009 – 2013

3. **2013- The final review phase** in 2013 - 2014 to match the document to the Portsmouth Hospital Trust (PHT) Framework. The Pathway was reproduced using the PHT format Standardised framework
   - ICP meetings were attended and the document reviewed and piloted
   - October 2013 – March 2014

4. **2014- Ratified and ready to go**
   - The PD team audit many areas of their practice and have produced a new questionnaire to accompany the new pathway
   - A re audit is planned after 6 months
Other changes in Practice as an outcome of the ICP

- Clerking Day
- Sedation
- Admission and Day Case
- Pouches and bio patches
- Suggestions from Patients
The Impact of an Integrated Care Pathway (ICP) For Peritoneal Dialysis

- Ensures a standardised process of care
- Highlights variances of care
- Demonstrates the requirement of a Multi Disciplinary Team approach to care
- Improves the patient’s safety and experience throughout the journey
- Achieves clinical effectiveness (Blue Ribbon)

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</table>

“It is the most reliable way of pre-op assessing our patients”
Consultant Mr Paul Gibbs
The thing always happens that you really believe in and the belief in a thing makes it happen

Frank Lloyd Wright 1869 – 1959
American Architect