



PERIT-PD Study Newsletter

Welcome to our monthly newsletter

Issue IV

June 2017

Publications

Zhang J et al.: Machine-learning algorithms define pathogen-specific local immune fingerprints in peritoneal dialysis patients with bacterial infections. *Kidney Int.* 2017 Mar 16.

This paper shows that patients presenting with acute peritonitis at the University Hospital of Wales in Cardiff can be diagnosed according to pathogen-specific combinations of biomarkers in the draining effluent. These signatures of soluble and cellular parameters may allow rapid identification of the causative pathogen long before microbiological culture results become available. This is also associated with the ability to predict long-term clinical outcomes. Immune fingerprint-based point-of-care tests thus have the potential to inform rapid and appropriate treatment interventions soon after patient presentation with life-threatening infections. Ongoing work is now aiming at validating these findings from a single hospital across the participating PERIT-PD centres.

If you would like to know more about the ongoing research, please visit: <http://www.cardiff.ac.uk/research/explore/research-units/peritoneal-immunity-group> OR contact Dr Matthias Eberl (eberlm@cardiff.ac.uk)

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Study news

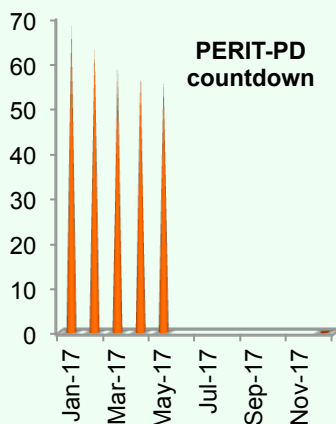
ONLY 6 MONTHS TO GO!

PERIT-PD current ethical approval runs until 31/12/17. With just over 6 months to recruit 55 patients it is important to try and capture as many peritonitis episodes as possible.

We will also be reviewing the study and consider whether to extend it to reach the target number.

HELP US REACH OUR 400 TARGET

Top recruiters	April 2017	May 2017
St Helier	1	1
Cardiff	1	
Inverness		1



Consent



Make sure that you let us know if there are restriction on the consents, for example if only part 1 is signed. The study samples have REC approval to go into the Wales Kidney Research Tissue Bank and will be used for future studies unless otherwise specified.

Information about PERIT-PD

<http://kidneyresearchunit.wales/en/perit-pd-study.htm>

Follow the above link for our FAQ

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