

FMT Kapsler

Aleris-Hamlet

Faecal microbiota transplantation alters gut microbiota in patients with irritable bowel syndrome: results from a randomised, double-blind placebo-controlled study

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► Additional material is published online only. To view, please visit the journal online (<http://dx.doi.org/10.1136/>

ABSTRACT

Objective IBS is associated with an intestinal dysbiosis and faecal microbiota transplantation (FMT) has been

Significance of this study

What is already known on this subject?

Multidonor FMT capsules improve symptoms and decrease fecal calprotectin in ulcerative colitis patients while treated – an open-label pilot study

F. Cold, P. D. Browne, S. Günther, S. I. Halkjaer, A. M. Petersen, Z. Al-Gibouri,
L. H. Hansen & A. H. Christensen

Ulcerativ Colitis studie

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Medicine (Baltimore). 2018 Aug;97(31):e11706. doi: 10.1097/MD.00000000000011706.

Case series of successful treatment with fecal microbiota transplant (FMT) oral capsules mixed from multiple donors even in patients previously treated with FMT enemas for recurrent *Clostridium difficile* infection.

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Abstract

RATIONALE: Studies have shown that fecal microbiota transplantation (FMT) is a safe and highly efficient treatment for recurrent *Clostridium difficile* infection (rCDI). However, it is still unknown if one versus multiple donors or enemas versus capsule FMT are most efficient.

PATIENT CONCERNS: 48 patients with recurrent rCDI were treated with FMT using capsules mixed from multiple donors. 24 patients were treated with FMT enemas. 24 patients were treated with FMT capsules mixed from multiple donors.

C.diff. Forsøg med FMT-kapsler



1 dagsdosis = 25 kapsler

Holdbar 10 dage i en normal fryser v. -18 C

Sikkert

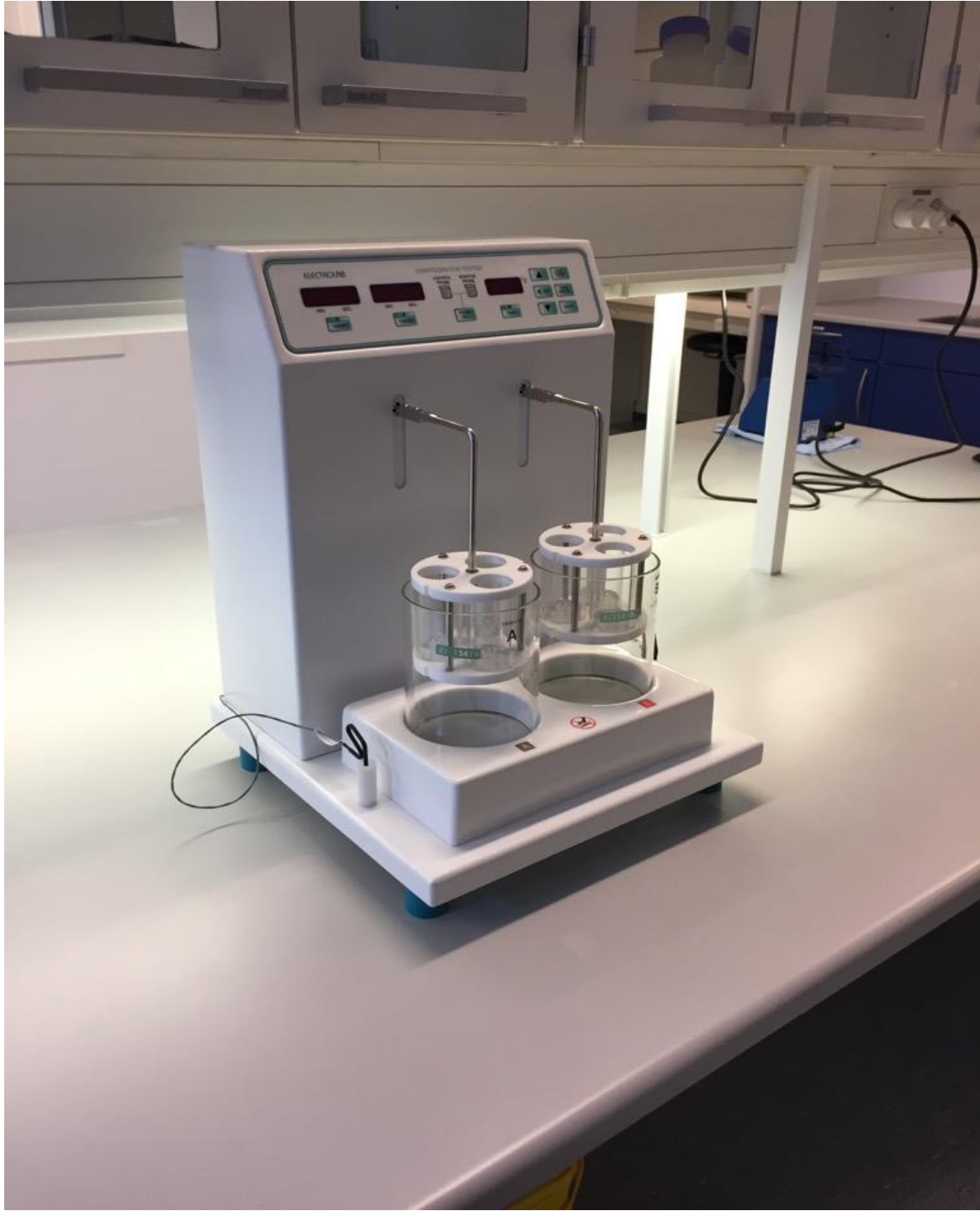
Uden indgreb

Overkommeligt

Kan indtages hjemme

Lægemiddel = GMP





Disintegration

+4 timer ved PH 1

30 min ved PH 7



Viabilitet v/anaerob forarbejdning

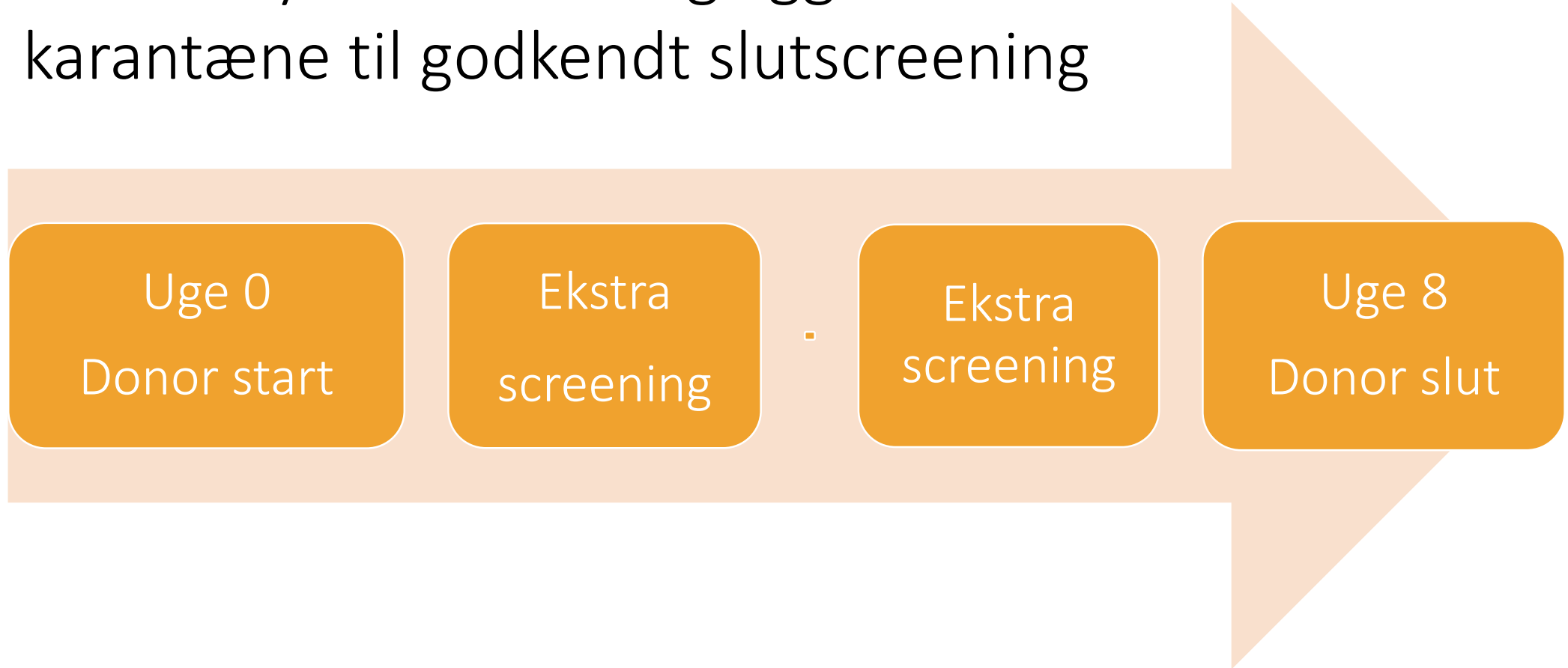
$10 * 10^6$ for aerobic count

$200 * 10^6$ for anaerobic count

(Eurofins, GMP)

Donorscreeninger

Prøver fryses til -80 C og ligger i karantæne til godkendt slutscreening



Dosis ved *C.diff* ?

1 x FMT = 80 % ?

2 x FMT = 90 % ?

3 x FMT = 95 % ?

Ved f.eks. 5.000 kr /dag - kan det svare sig?

