



**IN MEMORY OF PROFESSOR FIONA DENISON**

**Professor of Translational Obstetrics, Director of the Edinburgh Tommy's Centre, MRC Centre for Reproductive Health, University of Edinburgh and Honorary Consultant Obstetrician at NHS Lothian**



Fiona very sadly passed away on Saturday 8<sup>th</sup> January 2022.

**Fiona you will be missed, your infectious smile and enthusiasm has touched everyone who ever met you!**

The NRS Reproductive Health & Childbirth Speciality will miss you.  
This newsletter is a tribute to you.

*You will always be remembered!*

**Research interests**

Fiona was a leading clinical academic and researcher and was committed to translating research into clinical practice. The main focus of her research was maternal and fetal health.



*Converge Challenge  
Award*

She was particularly interested in the use of healthcare technologies to improve outcomes for mothers and their babies and collaborated closely with engineers and designers to create innovative health devices and systems.

She designed the **Easily Adjustable Submersible Illuminated (EASI) Birth Mirror**. This illuminated, hand held, adjustable waterproof mirror was designed to make water births safer and easier for mothers and midwives.

The Birth Mirror received six national awards for innovation including the Converge Challenge, KickStart Digital Entrepreneur Award (2017), which recognises internet entrepreneurialism and online marketing skills.



*Fiona with her Birth  
Mirror, NHS Lothian  
Birth Centre*

Fiona was also the Clinical Lead for The Medical Device Manufacturing Centre, which provides multidisciplinary expert advice to small and medium size companies, to assist in the translation of medical device concepts crucial for the clinical care of patients.



**Tommy's Centre for Maternal and Fetal Health 10<sup>th</sup> Anniversary Celebration**

Providing specialist care for women with complications caused by obesity and other stress factors during pregnancy.

*Fiona (7<sup>th</sup> from the right) with the rest of her  
Tommy's team*



*Fiona was gifted in many ways,  
an accomplished musician, played  
the flute and more recently a  
discovered talent for painting.  
Our thoughts are with her family  
and friends.*



## Global health research programme

Fiona led a programme aiming to reduce maternal and offspring outcomes for morbidity and mortality in low and middle income countries. She had several studies in Uganda focused on capacity building research and translational expertise in technologies and healthcare to improve maternal and offspring outcomes. She was also leading a study to explore the feasibility of delivering developmental care to preterm neonates with partners in Uganda and Malawi.



*Technologies for Global Health workshop  
in Kampala, Uganda, June 2019*



*Workshop on developmental care for preterm  
babies in Kampala, Uganda, October 2019*

## SELECTED PUBLICATIONS

Randomized Controlled Trial > Health Technol Assess. 2019 Dec;23(70):1-72.  
doi: 10.3310/hta23700.

**Glyceryl trinitrate to reduce the need for manual removal of retained placenta following vaginal delivery: the GOT-IT RCT**

Fiona C Denison<sup>1</sup>, Kathryn F Carruthers<sup>1</sup>, Jemma Hudson<sup>2</sup>, Gladys McPherson<sup>2</sup>, Graham Scotland<sup>3</sup>, Sheonagh Brook-Smith<sup>4</sup>, Cynthia Clarkson<sup>1</sup>, Mathilde Peace<sup>1</sup>, Jane Brewin<sup>5</sup>, Gin Nie Chua<sup>3</sup>, Nina Hallowell<sup>6</sup>, Jane E Norman<sup>1</sup>, Julia Lawton<sup>7</sup>, John Norrie<sup>8</sup>

**PLOS MEDICINE**

OPEN ACCESS PEER-REVIEWED  
RESEARCH ARTICLE

**Nitroglycerin for treatment of retained placenta: A randomised, placebo-controlled, multicentre, double-blind trial in the UK**

Fiona C. Denison<sup>1</sup>, Kathryn F. Carruthers, Jemma Hudson, Gladys McPherson, Gin Nie Chua, Mathilde Peace, Jane Brewin, Nina Hallowell, Graham Scotland, Julia Lawton, John Norrie, Jane E. Norman, GOT-IT investigator team

Published: December 30, 2019 • <https://doi.org/10.1371/journal.pmed.1003001>

> BJOG. 2014 Jan;121(1):72-81; discussion 82. doi: 10.1111/1471-0528.12443. Epub 2013 Sep 18.

**Association between maternal body mass index during pregnancy, short-term morbidity, and increased health service costs: a population-based study**

F C Denison<sup>1</sup>, P Norwood, S Bhattacharya, A Duffy, T Mahmood, C Morris, E A Raja, J E Norman, A J Lee, G Scotland

Obesity Research & Clinical Practice  
Volume 15, Issue 4, July-August 2021, Pages 357-361

Original Article

**First and second pregnancy outcomes in women with class III obesity: An observational cohort study**

Elizabeth A.N. Wastnedge<sup>1</sup>, Janey Fretwell<sup>1</sup>, Emma C. Johns<sup>1</sup>, Fiona C. Denison<sup>1</sup>, Rebecca M. Reynolds<sup>1</sup>

**PLOS ONE**

RESEARCH ARTICLE

**A two-arm parallel double-blind randomised controlled pilot trial of the efficacy of Omega-3 polyunsaturated fatty acids for the treatment of women with endometriosis-associated pain (PurFECT1)**

Ibtisam M. Abokhras<sup>1\*</sup>, Fiona C. Denison<sup>1\*</sup>, Lucy H. R. Whitaker<sup>1</sup>, Philippa T. K. Saunders<sup>2</sup>, Ann Doust<sup>1</sup>, Linda J. Williams<sup>3</sup>, Andrew W. Horne<sup>1\*</sup>

Received 10 November 2020; revised 2 December 2020 and 12 January 2021; accepted 12 January 2021. Date of publication 20 January 2021; date of current version 22 February 2021. The review of this paper was arranged by Editor Paolo Bonato.

**Face Coverings, Aerosol Dispersion and Mitigation of Virus Transmission Risk**

IGNAZIO MARIA VIOLA<sup>1</sup>, BRIAN PETERSON<sup>1</sup>, GABRIELE PISETTA<sup>1</sup>, GEETHANJALI PAVAR<sup>1</sup>, HIBBAH AKHTAR<sup>1,2</sup>, FILIPPO MENOLOASCINA<sup>1</sup>, ENZO MANGANO<sup>1</sup>, KATHERINE E. DUNN<sup>1</sup>, ROMAN CABL<sup>1</sup>, ALEX MILA<sup>3</sup>, EMANUELA MOLINARI<sup>4</sup>, CATHAL CUMMINS<sup>5</sup>, GERARD THOMPSON<sup>6</sup>, Tsz-YAN MILLY LO<sup>1,4</sup>, FIONA C. DENISON<sup>9</sup>, PAUL DIGARD<sup>10</sup>, OMAIR MALIK<sup>11</sup>, MARK J. G. DUNN<sup>12</sup>, CATHERINE M. MCDUGALL<sup>1</sup>, AND FELICITY V. MEHENDALE<sup>8</sup>

**BJOG** An International Journal of Obstetrics and Gynaecology

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**Healthy weight in pregnancy: time for a shift in approach?**

AP Brown, RM Reynolds, FC Denison

First published: 10 April 2019 | <https://doi.org/10.1111/1471-0528.15793>

Early Human Development  
Volume 126, November 2018, Pages 18-22

**Selective or universal screening for GBS in pregnancy (review)**

Andrew P. Brown, Fiona C. Denison<sup>1</sup>

**BMJ Innovations**  
Health technology assessment  
Original research

**Virtual reality as a distraction therapy in obstetrics and gynaecology**

Alice M Harper<sup>1</sup>, Elizabeth Wastnedge<sup>1</sup>, Aparajithan Sivanathan<sup>2</sup>, Aileen Jordan<sup>1</sup>, Samuel Harper<sup>3</sup>, Theodore Lim<sup>3</sup>, Fiona C Denison<sup>1</sup>

**PHYSIOLOGICAL REVIEWS**  
Review

**Pregnancy and COVID-19**

Elizabeth A. N. Wastnedge, Rebecca M. Reynolds, Sara R. van Boeckel, Sarah J. Stock, Fiona C. Denison, Jacqueline A. Maybin, and Hilary O. D. Critchley

20 NOV 2020 // <https://doi.org/10.1152/physrev.00024.2020>