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8th March, 2021

Professor Julia Hippisley-Cox
University of Oxford

Dear Professor Hippisley-Cox,

Reference	OX37
Title	The Integration and Analysis of Data using Artificial Intelligence to Improve Patient Outcomes with Thoracic Diseases (DART)
Chief Investigator	Professor Julia Hippisley-Cox
Date Scientific Committee	8 th March 2021
Outcome	Approval with conditions
Date of Approval	8 th March 2021
Duration of Approval	Until 7 th March 2031
Special Conditions of Approval	Applicants not should split derivation and validation data using a random split which by definition produces two very similar datasets in which you would expect performance to be high and would not be a true reflection of external validation. Instead they should use an approach such as geographical – by practice location, for example.

Thank you for submitting your application to QResearch.

Scientific Opinion

The members of the committee taking part in the review gave a favourable scientific opinion of the application on the basis of the application form submitted to QResearch. The committee is satisfied that the research is appropriately designed in relation to its objectives and is likely to add something useful to existing knowledge in accordance with section 4.1.2 of the ethical conditions for QResearch.

<https://www.qresearch.org/media/1155/257790-18em0400-qresearch-conditions-of-ethical-approval-27122018.pdf>

QResearch is a Research Ethics Approved Research Database and therefore this also constitutes research ethics approval. Please quote REC reference (18/EM/0400) in any publication arising from this work.

Data Access

The Nuffield Department of Primary Care Health Sciences is part of the NIHR School for

Primary Care Research. Head of Department: Professor Richard Hobbs FRCGP FRCP FESC FMedSci



Subject to funding and relevant Data Sharing Agreements, the dataset requested will be provided to you.

Approved documents

The documents reviewed at the meeting were

Document	version	Date
Application form	V2.0	3 rd March 2021
Lay Summary	V2.0	3 rd March 2021
Data Specification	V1.0	1 st February 2021
Letter to the Committee		3 rd March 2021

Membership of the Committee

The members of the scientific committee who took part in the review are listed on the attached sheet.



Prof. Rafael Perera
Chair of QResearch Scientific Committee

Enclosures:

List of names and professions of members who took part in the review (for all reviews and re-reviews)

Completed peer review forms (for all reviews and re-reviews)

Copy to: Prof Julia Hippisley-Cox, Chief Investigator of QResearch

Membership of the Committee

Name	Profession	Present
Professor Rafael Perera	Professor of Medical Statistics	YES
Professor Stavros Petrou	Professor of Health Economics	YES
Professor Julia Hippisley-Cox	Professor of Clinical Epidemiology & General Practice	NO
Professor Clare Bankhead	Associate Professor Epidemiology	YES
Professor Paul Aveyard	Professor of Behavioural Medicine	YES
Dr Mike Walton	GP, Chair of the QResearch Advisory Board	NO
Dr Paula Dhiman	Postdoctoral Researcher in Meta Research	NO
Ms Madhurima Bhadra	Lay Member	YES

Dr Rebecca Harmston	Lay Member	YES
Dr Franco De Crescenzo	DPhil Candidate, Honorary Psychiatrist	YES
Ms Jennifer Camaradou	Lay Member	YES
Dr Hui Guo	Senior Lecturer in Biostatistics	YES
Dr Koen Pouwels	Senior Researcher	NO
Ms Polly Kerr	Patient and Public Involvement Manager	YES
Dr Tom Ranger	Epidemiologist	YES

Also in attendance

Name	Position (or reason for attending)
Ms Claire Meadows	Secretariat
Ms Rebekah Burrow	QResearch Senior Data Manager