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Models of Child Health Appraised

(A Study of Primary Healthcare in 30 European countries)

September 2016

Volume 2, Number 2

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MOCHA Partners

Imperial College of Science, Technology and Medicine, London UK

University College Dublin, Ireland

Academisch Ziekenhuis Groningen UMCG, Netherlands

Consiglio Nazionale Delle Ricerche, Italy

University of Surrey, UK

Karolinska Institutet, Sweden

TNO The Netherlands Organisation for Applied Scientific Research

King's College London, UK

Universiteit Maastricht, Netherlands



First scientific year complete

September sees the end of the first year of the MOCHA project. Our priority in the first year was to gather data and to capture scenarios around models of primary care, so we can glean as much information as possible about how the different models work in the 30 European countries of the project. Now, at the beginning of the second year, we can start to analyse our data.

To this end, we have carried out a number of plans, including the emergence of a database of resources, a literature review of the current models of care, and a systematic review of certain outcomes of child health. As you can see from this newsletter, a number of meetings are planned or have recently taken place to help us direct our analyses and coordinate the work of our nine work packages to inform our analytic work in year 2 and thus to lead us into our third year, where we will use our results to draw conclusions and make recommendations.

Deliverables achieved

The project has produced a number of internal and external deliverables over the summer period. The internal deliverables were from a variety of work packages, and all inform the European Commission deliverables and the work towards our final appraisal. Included in these tasks were:

Discussion and refinement of our first draft of the literature into Current Models of Primary Care. Contributions were made by project members and Dr Dionne Kringos, a world expert in models of primary care. This work forms a basis for much of the future project work.

Work Package 1's report on child health indicators, completed in May 2016, has become the basis for a project workshop on indicators and measures to be held in October 2016.

Work Package 5's work into the technical requirements and use cases, which formed a deliverable submitted earlier in the year, has led into the compilation and cataloguing the identified data sets in Europe. This work has led to a collaboration with the EMIF project (see below). Combined with that of another internal deliverable of harmonized guidelines,



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Lublinie, Poland

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European University of Cyprus,
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Universiteit Twente,
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Syddansk Universitet,
Denmark

University of Keele, UK

Boston Children's Hospital,
United States

Hospices Cantonaux,
Switzerland

Murdoch Children's Research
Institute, Australia

MOCHA Work Packages

1: Identification of Models of
Children's Primary Health
Care. Lead: Prof M Blair

2: Safe and efficient interfaces
of models of primary health
care with secondary, social
and complex care. Lead
Associate Prof Maria Brenner

3: Effective models of school
health services and adolescent
health services. Lead Dr
Danielle Jansen

4: Identification and
application of innovative
measures of quality and
outcome of models. Lead: Dr
Nadia Minicuci

5: Identification and use of
derivatives of large data sets
and systems to measure
quality. Lead: Prof Simon de
Lusignan

6: Economic and skill set
evaluation and analysis of
models. Lead: Prof Heather
Gage

a harmonized dataset on primary care and codebook, it will inform the detailed analyses of the different work packages in year 2 of the MOCHA project.

Deliverable 3 (7.1) Report on National Policies for Primary Care for Migrant Children in Europe and Deliverable 4 (8.1) Description and Analysis of Current Child Health Electronic Record Keeping Across Europe were both completed and submitted to the European Commission on time. The completed reports can be found on our website: www.childhealthservicemodels.eu/publications/deliverables/.

MOCHA / EACH Collaboration

In September MOCHA co-hosted a scientific meeting in Utrecht preceding the biennial meeting of the European Association of Children in Hospital (www.each-for-sick-children.org) (which now seeks to look after the interests of all children with significant healthcare needs). Dr Kinga Zdunek, Prof Michael Rigby and Dr Manna Alma each gave presentations, and Dr Paul Kocken was in the audience to listen and pick up ideas to work into MOCHA's final report. There was a good exchange of ideas on how to ensure child-centric services, and ensure quality in service delivery. This is the latest in MOCHA's shared activity with important child health stakeholder interests.

WP9 Models workshop

On August 23rd 2016, members of many of the MOCHA work streams met in Leiden, the Netherlands, for a meeting hosted by Dr Paul Kocken, leader of Work Package 9, which will produce the validated optimal models of children's prevention-orientated primary health care.

The meeting was to discuss and plan the next stage of the project. The first year has been one of fact-finding. Now, at the beginning of the second year, we must plan how to analyse these data in a coherent way. This is quite a challenge, considering how many important elements influence a child health system.

Discussions in the meeting began with a presentation of the types of models and requirements for the project at its close. This was followed by discussions about the models of health that currently exist in the 30 countries of Europe; and the importance of cultural and political influences on health systems and policy making. An overview of the outputs expected from the different work streams in MOCHA was given; and the afternoon was spent brainstorming how these elements can be best analysed. The meeting was extremely rewarding, and we now have a structure of analysis that will tie in the many strands of work to lead to the final year when the models identified are appraised.



7: Ensuring equity for all children in all models. Lead: Prof Anders Hjern

8: Use of electronic records to enable safe and efficient models. Lead: Prof Michael Rigby

9: Validated optimal models of children's prevention-orientated primary health care. Lead Dr Paul Kocken

10: Dissemination. Lead Prof Michael Rigby

11: Project Management. Lead: Prof Mitch Blair

MIROI and EMIF database collaboration

The MIROI database has been established by the MOCHA project to record those databases that provide national data on children and primary care. This is a valuable resource for all our work packages, and is also the means by which MOCHA can investigate how we can gain information from large data sets about children's use of primary care and the optimum models of primary care in terms of outcomes.

Led by the Surrey University partners, Professor Simon de Lusignan, Dr Harshana Liyanage, Dr Filipa Ferreira and Stacy Shinneman have been working with another European Project, the European Medical Information Framework (EMIF) (www.emif.eu) to create an online MOCHA repository on the EMIF platform. MOCHA researchers will soon be able to log into the EMIF platform to identify the datasets catalogued.

National dissemination

Our Spanish Country Agent, Dr Luis Martin has ensured that the MOCHA project has been mentioned in the Asociación Española de Pediatría (AEP) corporate website's newsletter no.41/September 2016. You can find out more information about the Spanish Paediatric Association on their website: www.aeped.es; Facebook www.facebook.com/aepediatría and Twitter [@aepediatría](https://twitter.com/aepediatría). The newsletter is available on www.aeped.es/noticias-aep-n-41-septiembre-2016.

Forthcoming events

In the next few months, we look forward to two key meetings in the MOCHA project. In early October, we will meet in Padua, Italy to discuss how to identify appropriate and informative measures. This will help lead our work in year 2 of the project.

On October 20th, the 2nd MOCHA General Assembly will take place in Rome, Italy. All partners, country agents, external advisory board members and representatives of the European Commission will meet to hear of our progress so far, and our plans our work for year 2.

Congratulations!

There have been many personal and professional achievements in the MOCHA project this year.

Work Package 2 lead Maria Brenner has a new role as Associate Professor of Children's Nursing at Trinity College, Dublin. We wish her, and her team – Dr Austin Warters, Dr Miriam O'Shea, Dr Tricia Keilthy, and Elena Montañana Olaso good luck as they move to their new workplace. They will all continue with their work on MOCHA.

Work Package 1 and 2 researcher Dr Ingrid Wolfe was awarded her PhD in health systems. Work Package 1 researcher Sapfo Lignou was



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awarded her PhD in health care ethics. Dr Natasha Azzopardi Muscat, Country Agent for Malta, was awarded her PhD at the University of Maastricht in the Netherlands for her work on "Europeanisation of Health Systems: a small state perspective".

In May, Dr Kinga Zdunek, our MOCHA researcher in Work Package 1 and Country Agent for Poland celebrated her wedding in Poland.

In September, Work Package 2 researcher Elena Montañana Olaso also celebrated her wedding. We wish both couples all the best for a long and happy future.

Finally, many congratulations to Dr Peter Schroder-Bäck and his family on the safe arrival of their new baby daughter in August 2016.