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Models of Child Health Appraised

(A Study of Primary Healthcare in 30 European countries)

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In This Issue

- Welcome
- Hellos and goodbyes
- We need your help!
- Conferences
- Project workshop
- Deliverables
- Publications
- Project progress

Welcome

As the summer approaches we are well into our second year of research, and are beginning to gather and analyse our initial results. It is a busy, fascinating and complex time, as we begin to disseminate our initial findings, and test our theories with a number of different stakeholder groups.



Primary care services for children are multidisciplinary, ever changing and very much based in the communities they serve. Our work packages are also working in increasingly multidisciplinary ways in order to really understand the different health systems in the European Union and EEA countries. This has been reflected in our latest set of questions to our country agents, which contain questions about the functions of health systems that have relevance to a variety of research interests in the project. At the same time, we are discussing how these results are shaping our ultimate aim – of appraising the models of primary care to children.

Hellos and goodbyes

A warm welcome to all our new MOCHA team members, and we wish the best of luck to the researchers who are moving on to new challenges. **Rama Greenfield** has joined the team at Imperial College London, as maternity cover for Dr Grit Kühne. **Dr Uy Hoang** has recently joined the team at Surrey University to work on the use of large datasets and systems to measure quality, replacing Stacy Shinemann who has left the department for new tasks. We have also bid farewell to Jorieke van der Willik from the University of Groningen. Her position has been taken up by **Dr Annemieke Visser**. We welcomed **Dr Colman Noctor**, Advanced Nurse Practitioner in Child and Adolescent Mental Health Trinity College Dublin to the team.

The MOCHA baby count is rising! Many congratulations to Eline Vlasblom who gave birth to a baby boy, Diogenes, earlier in the year, and to Grit Kühne who gave birth to a baby boy, Noah Jonathan, at the end of May.



MOCHA Partners

Imperial College of Science,
Technology and Medicine,
London UK

Trinity College Dublin
Ireland

University College Dublin,
Ireland

University Medical Center
Groningen, 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

Uniwersytet Medyczny w Lublinie,
Poland

UiT The Arctic University of
Norway
Norway

Haskoli Islands, Iceland

European University of Cyprus,
Cyprus

Universiteit Twente, Netherlands

Syddansk Universitet, Denmark

University of Keele, UK

Boston Children's Hospital, United
States

Hospices Cantonaux, Switzerland

Murdoch Children's Research
Institute, Australia

We need your help!

Our aims in MOCHA are not only to appraise existing models of primary care for children, but also to identify optimal models of care.

Work Package 9, led by Dr Paul Kocken, is now beginning collection of data from stakeholders such as policy makers, professionals, scientists, NGOs and user interest groups in a number of countries on good practices in **asthma care, sexual and reproductive health care, mental health care** and **vaccination**. This is a great opportunity for us to look wider than our usual country agent and scientific network to ask for any other knowledge or leads

Are you an expert or do you know of someone who is an expert in these topics in any of these countries: **Sweden, Italy, Poland, Germany, Cyprus, the Netherlands, Romania** or **Lithuania** who would like to take part in MOCHA research?

We would value your input into identifying facilitators or barriers to conducting good primary child health care in your country.

For more information or questions, Please contact d.alexander@imperial.ac.uk, renate.vanzoonen@tno.nl or gaby.delijster@tno.nl.



Conferences

Dr Austin Warters presented work on the policy and organisational challenges in Europe of Integration of health and social care for children with complex health conditions at the International Health Policy Conference held in the London School of Economics & Political Science on the 18th February.



Professor Michael Rigby and Dr Denise Alexander presented MOCHA work at the **64th Quality of Childhood meeting** at the EU Parliament in Brussels, hosted by MEP Hannu Takkula (Group of the Alliance of Liberals and Democrats for Europe, Finland) on 11th April 2017. The presentation was entitled *Primary Health Care for Children in Europe. Similarities and Differences between Countries - what do they Mean? Interim findings of the Models Of Child Health Appraised (MOCHA) Horizon 2020 Project*. Professor Rigby outlined the tasks and challenges faced by the MOCHA project, and Dr Alexander presented some initial

results that illustrate the sometimes surprising similarities and differences between the countries in the project in terms of primary care health systems for children. The resulting discussion was rewarding and enlightening for all present.

Professor Michael Rigby presented two papers at the **Medical Informatics Europe** conference in Manchester on 24th – 26th April 2017. The papers were Kühne, G and Rigby M. "Why are Children's Interests Invisible in European National E-Health Strategies?" and

MOCHA Work Packages

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

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

3: Effective models of school health services and adolescent health services. Lead Prof 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

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

Kühne, G and Rigby M "Towards Safe and Efficient Child Primary Care – Gaps in the Use of Unique Identifiers in Europe". Also at the MIE conference, Dr Daniela Luzi, Dr Fabrizio Pecoraro and Dr Oscar Tamburis presented their work on "Appraising healthcare delivery provision: A framework to model business processes", where they demonstrated their use of UML modelling in the MOCHA project.

The **17th International Conference on Integrated Care** was held in Dublin on the 8th – 10th May 2017. Dr Austin Warters led a MOCHA workshop exploring the *Integration of health and social care for children with complex health conditions: as assessment of the policy and organisational context in Europe*. This is an extremely under-researched area, and the workshop was extremely informative for ongoing work on the MOCHA project, and extending our knowledge in this field. Also at the Integrated Care conference, Professor Maria Brenner presented work on *The integration of care at the acute/ community/ primary care interface for children with complex health needs in 30 European Countries: A MOCHA study*.

Dr Nadia Minicuci, Dr Barbara Corso and Dr Ilaria Rocco attended the **29th REVES Meeting** in Santiago del Chile on the 17th-19th May to present their work on: "How is child health monitored in Europe? Measures and indicators from the main international health datasets".

Professor Mitch Blair spoke about MOCHA at the **5th Community Social Pediatrics Symposium** in Montreal, Canada on 25th – 26th May 2017. Professor Blair was part of a plenary session discussing the viewpoints and actions on the complexity of vulnerable children.

MOCHA was well represented at the **8th Europaediatrics Congress** which was held in Bucharest on the 7th – 10th June 2017. Professor Mitch Blair presented MOCHA work on *The integration of care at the acute/ community / primary care interface for children with complex health needs in 30 European countries: A MOCHA study*. Dr Daniela Luzi presented work on using Unified Modelling Language to describe the different models of primary care in Europe. UML is an innovative way for us to see the similarities and differences between the often complex systems of care. Dr Luzi's presentation was entitled "Well child care in Europe - and inter-country comparison using Unified Modelling Language (UML) methods". Dr Danielle Jansen, the lead of WP3 School and Adolescent health services gave a presentation at the congress about "The view of the European Public Health Association (EUPHA) about the challenge of harmonizing child health care in Europe", which incorporated the MOCHA work on school health services, and on services designed for adolescents.



Professor Michael Rigby represented MOCHA at the **European Health Management Annual Conference** in Milan from the 13th – 15th June 2017. He presented three papers at the conference, *Child Migrant Health Policy; E-Health Policy for Children; and Measurement of the Strength of Children's Primary Care*. All of the topics were well received

by the conference participants, some interesting feedback to the project was given, and good connections with stakeholders were made.

Our partners in Surrey University have held an informative summer school on using routine health data for quality improvement and research on the 26th – 30th June 2017. This work is highly relevant to MOCHA. More information about the summer school can be found at <https://clininf.eu/index.php/siss2017/>

Project workshop

On April 27th – 28th our WP7 team, who are investigating equity in primary care health systems for children, held a very productive workshop in Stockholm, about the situation for Children in the Care system. The workshop was attended by several MOCHA members as well as other interested parties. More information about the workshop, as well as some of the presentations that were given to stimulate discussion can be found on the MOCHA website: <http://www.childhealthservicemodels.eu/topics/work-package-7/>

Deliverables

This spring has seen a number of reports completed as part of our growing evidence base on the models of primary care for children in Europe. A number of internal deliverables were completed in May, which will inform the forthcoming deliverables that are due in July 2017 and in the Autumn.



Researchers in Work Package 4 have completed their Deliverable on Innovative measures of quality of care and outcomes of child primary care models. This work is on the project website www.childhealthservicemodels.eu/publications/deliverables.

Publications

Some of our interim findings have been published. You can find links to abstracts, and where possible, the full text on the MOCHA website <http://www.childhealthservicemodels.eu/publications/peer-reviewed-papers/>.

Papers recently published:

Grit Kühne, Michael J. Rigby, Azeem Majeed, Mitch E. Blair The current digital divide in primary child health care in Europe. Archives of Disease in Childhood Jun 2017, 102 (Suppl 2) A157-A158; DOI: 10.1136/archdischild-2017-313273.409

Mitch Blair, Maria Brenner, Philip Larkin, Austin Warters, Miriam O'Shea. Delivering optimum complex care for in the community: a multidisciplinary approach Archives of Disease in Childhood Jun 2017, 102 (Suppl 2) A19; DOI: 10.1136/archdischild-2017-313273.52

Daniela Luzi, Fabrizio Pecoraro, Michael Rigby, Oscar Tamburis, Mitch Blair. Well child care in Europe – an inter-country comparison using unified modelling language (UML) methods Archives of Disease in Childhood Jun 2017, 102 (Suppl 2) A4; DOI: 10.1136/archdischild-2017-313273.9

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Liv Stubbe Østergaard Marie Norredam, Claire Mock-Munoz de Luna, Mitch Blair Sharon Goldfeld, Anders Hjern. Health care entitlements for child migrants in Europe and Australia. Eur J Public Health ckx083. DOI: <https://doi.org/10.1093/eurpub/ckx083> Published: 14 June 2017.

Brenner, M et al 2017 Exploring Integration of Care for Children Living with Complex Care Needs across the European Union and European Economic Area. International Journal of Integrated Care, 17(2): 1, pp. 1–5.

Dr Ann-Katrin Meyrose, our deputy German Country Agent represented MOCHA at a conference held by the University Medical Center in Hamburg for young researchers. Dr Meyrose gave a poster presentation about the work of the MOCHA project and her role in representing Germany in our evidence base and Approximately 30 scientists attended the presentation and the poster – not to mention the MOCHA project – was well received. The poster can be found on the MOCHA Website

<http://www.childhealthservicemodels.eu/publications/conference-presentations-posters/>

Project progress

We are now more than half way through our series of questions to the country agents. At this point the results are subject to analyses and our subsequent questions to our country agents are becoming more refined and reflective, building on what we have already learned.



We have started a Delphi Process to discuss one of the MOCHA outputs – an innovative measurement tool to appraise systems of primary care for children. This should provide us with interesting feedback and a way forward in the next 12 months. This is one example of how we are increasingly engaging stakeholders from many disciplines that interact with primary care services.

We would like to wish you all
a happy and healthy summer!



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