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# Models of Child Health Appraised

(A Study of Primary Healthcare in 30 European countries)

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## Welcome

We are now 18 months into the MOCHA project, and we move from the first phase of collecting and organising information, into a more analytical phase. This is challenging, but also extremely rewarding.



In the past three months, the MOCHA project has been busy. We have held and attended many meetings and conferences, and made new connections with stakeholders who will give us valuable feedback on our work. These will be enhanced in 2017.

A key feature of the project at the moment is increased collaboration between all our work packages. Primary care for children is complex and multi-faceted; in order to describe and appraise the primary care health systems, our work strands cannot work in isolation. There is a great deal of coordination and cross-working between all the disciplines within the MOCHA project happening as a result. We are all looking forward to some rich and innovative thinking in the new year.

## MOCHA Annual Meeting - Rome 2016

The second Annual General Meeting of the MOCHA project took place at the *Casa dell'Aviatore* in Rome on the 20<sup>th</sup> October 2016. We were welcomed by, Professor Riccardo Pozzo, from the Department of Social Sciences and Humanities at CNR in Rome, our MOCHA partner who hosted the meeting.

All partners, country agents, external advisory board members and representatives of the European Commission were invited to hear of our progress so far, and our plans our work for year 2.

A strong theme of the meeting was the increased collaboration between work packages. In the two days before the AGM, the work package groups met together to discuss joint research aims and where one work package can share common aims with another. This co-working is a key aspect of the MOCHA project, reflecting the complex interactions



## 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

Uniwersytet Medyczny w Lublinie,  
Poland

Hogskolen i Harstad, 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

of disciplines, tasks and professions that take place on a daily basis in the different models of primary care in Europe. In particular, the Work Package leaders discussed a workable system so that research teams will be able to interrogate the databases and data that have been identified in the first year. There is a synergy of research that is leading well into this current year of analysis, and into our final appraisal of the models of primary care for children in our third year.

At the General Assembly, Professor Mitch Blair outlined the achievements of year one, and welcomed all the new staff who have joined MOCHA in 2015 and 2016. Each Work Package described their specific successes and projects that are underway, and their research plans for the forthcoming year.

After the General Assembly, the External Advisory Board met with Professor Mitch Blair and our Project Manager Christine Chow to discuss progress and give advice on how to proceed, and on aspects of our work that we could address further. Simultaneously, the MOCHA Country Agents met with some of the Work Package researchers and with Prof Michael Rigby and Project Coordinator Dr Denise Alexander. This was an extremely rewarding discussion, which resulted in the refinement of the country agent process, including methods of reviewing replies and triangulating responses for optimum robustness.



## Identifying appropriate and informative measures

One of the key elements in appraising the models of children's health is to devise and use appropriate and informative measures of quality and outcomes of children's health and child primary care services on which they rely. This task is led by MOCHA Work Package 4. Following an initial work package meeting in Rome, held earlier this year, the team hosted a project-wide meeting to discuss and identify the measures of quality and outcome that can be used by all research strands in the project. This meeting took place in Padua, Italy on the 10-11<sup>th</sup> October.

Recognising that terms in children's health are often used differently, depending on contexts and stakeholders' objectives or data availability, this task is a challenge. In the meeting, representatives of all the MOCHA project teams, plus our global partners Professor Gary Freed and Professor Sharon Goldfeld from the University of Melbourne, Australia worked together to explore the gaps and novel measures and indicators of quality, review the measures pertinent to their areas of research, and debate key themes and omissions that have emerged in the work so far. The workshop will result in a project-wide consensus, to inform the systematic review process also carried out by WP4

Meanwhile, Work Package 5 looking at large data set availability has now identified 147 anonymised case based primary care data sets in Europe which may be available to us for statistical searching, together with details of how they may be accessed. They have reached agreement with a parallel project to curate and hold the details so that MOCHA researchers can utilise this unique resource for their work.

## MOCHA Work Packages

<http://www.childhealthservicemodels.eu/topics/>

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 Dr 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 Graham Cookson

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

## The WHO Working Together for Better Health and Wellbeing conference

Professor Anders Hjern, lead researcher on Work Package 7 investigating equity, was invited to speak at the World Health Organisation conference: Working together for better health and well-being: Promoting intersectoral and interagency action for health and well-being in the WHO European Region. This was a high-level meeting that took place on 7-8<sup>th</sup> December at the UNESCO headquarters in Paris.

Not only was the venue beautiful, and Paris bathed in sunlight, the meeting was extremely rewarding for MOCHA. The two-day event focused on child and adolescent health in Europe. The audience consisted of representatives of the health ministries of all the 53 European countries and many international interest organisations including UNICEF, Save the Children and Médecins du Monde.

Professor Hjern was invited to take part in a panel discussion of the current situation of refugee children in Europe. Professor Hjern presented the findings of the MOCHA report into national policies for primary care for migrant children in Europe (available on our website: [www.childhealthservicemodels.eu/publications/technical-reports](http://www.childhealthservicemodels.eu/publications/technical-reports)) and had positive feedback from WHO Europe and Médecins du Monde among others.

## Dublin planning workshop

On 30<sup>th</sup> November and 1<sup>st</sup> December 2016, members of Work Package 2 welcomed Dr Jay Berry our external partner from Boston Children's Hospital in the United States; and Professor Harriet Hiscock of the Royal Children's Hospital in Melbourne, Australia to a Workshop at Trinity College, Dublin. The results from the first year of MOCHA were discussed and a plan for the direction of inquiry for next year in complex care and also mental health was developed. The workshop planned how the WP2 work can feed into the MOCHA aims of appraising primary health care for children in Europe; as well as how to extend our knowledge of the under-researched area of the interface between primary care services and other health services for children with complex care needs.



## MOCHA at the European Academy of Paediatrics (EAP) and Assembly of European Regions

Professor Mitch Blair was invited to present the MOCHA project to the annual conferences of the European Academy of Paediatrics in Brussels, and Assembly of European Regions in Izmir, in November <http://aer.eu/ecosystems-who/>. This was an extremely rewarding and valuable experience for us as a project, which saw our work critically

reviewed and allowed us to develop many new avenues of inquiry. The EAP and AER are both represented on our External Advisory Board, and we value the input from this network of paediatricians and Regional policy makers and businesses in Europe.

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## MOCHA at the European Commission

Professor Michael Rigby was invited to present the MOCHA project to a meeting of the Directorate General Health and Consumers and the World Health Organisation on initiatives on children's obesity, in Budapest, Hungary on the 30<sup>th</sup> November and 1<sup>st</sup> December. This was an invaluable opportunity to expand the horizons of MOCHA, and to discuss our plans for the analysis in year 2 with a number of world experts on primary care and childhood obesity in Europe. Obesity is a condition that affects the lives of a large number of children in Europe; and has important ramifications for the future child population health.

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## Deliverable completed

The end of November saw a further deliverable completed and submitted to the European Commission. The Semantic Models of Key Clinical Conditions and Outcome Measures is an important step in our future retrieval and analysis of large data sets about primary care for children in Europe. Have a look at this and other reports on the MOCHA website: [www.childhealthservicemodels.eu/publications/technical-reports](http://www.childhealthservicemodels.eu/publications/technical-reports).

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Merry Christmas and a Happy New Year from  
all in the MOCHA project



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