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Welcome

As we approach the end of 2017 we are also moving fast towards the appraisal of the different models of primary care in Europe, which will conclude the MOCHA project. Currently we are scrutinising all our results, and using them to shape the evidence we have gathered into new knowledge. This can inform how primary care systems in Europe can adapt if necessary, to better reflect the needs of children and young people; and address the needs of those who work to provide optimum health care services for children.



Models of Child Health Appraised
(A Study of Primary Healthcare in 30 European countries)

This autumn has been extremely productive; we have delivered several ground-breaking reports; and we held our annual general meeting in the beautiful city of Riga, Latvia, attended by more than 60 project members and country agents. All members of MOCHA are actively sharing their knowledge, and working together to identify innovative practice in the primary care systems in Europe. We are very much looking forward to the insights and conclusions that 2018 will bring.

MOCHA Annual General Meeting

Members of the MOCHA project gathered in Riga, Latvia from the 23rd – 26th October 2017. The theme of the conference this year was very much that of joint-working. Increasingly, MOCHA's research stresses the importance of communication and collaboration in primary care for children. This was not only evident in the interviews carried out with children and their families by the MOCHA DIPEx team; but also in the literature reviews, empirical research and analysis carried out by many of the MOCHA research teams. Reflecting this, at this point in the project our work packages are increasingly collaborating and sharing results in order to develop their conclusions and further their research. Effective communication and coordination in such a large project is an important task, and one which the Riga meeting helped to facilitate,



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

there were numerous meetings between work packages, the productive discussions of which extended into the evening meals and the hotel bar!



Several country agents met on the 25th October to hear how their hard work over the past three years has contributed to the MOCHA results. Research Coordinator Denise Alexander outlined the progress so far. The Country Agents have completed a huge amount of work, much of which has not been described previously. They have answered 33 sets of questions – some of which

contained 20 or more questions – about diverse aspects of primary care for children in their countries. From the resulting answers, the project has identified many under-researched yet important areas of children's health. These include the challenges faced by many children and families when they navigate between different health and other services, and the sometimes confusing barriers to health care coordination that have arisen out of large and complex health systems. These elements form the basis for further research, triangulated by published sources, grey literature, statistics and other scientific methods. Without the effort of the Country Agents, who on many occasions have worked over and above their contractual obligations, the project would be far poorer. Professor Michael Rigby outlined how the Country Agents could continue to help the project in the following year, and all agreed that the checking of all draft reports and communicating any major changes in health service provision to the project remains an essential and valuable task.

Professor Mitch Blair, MOCHA's principal investigator introduced the Annual General, by describing the progress made so far in the project and the impact that we are already having on policy makers and other research groups involved with children's health and health systems. Presentations followed on specific subjects of interest to the project, including school health services; how we define optimal models and the very concept of what is 'optimal'; and also about the importance of considering transferability of our recommendations into practice in the very different cultures and systems that exist in the European Union.

The MOCHA External Advisory Board, chaired by Professor Richard Parish, also met with the MOCHA management team in Riga. This was extremely valuable to all concerned. The members of the External

Advisory Board always help us to identify varied external stakeholders and provide useful sources of dissemination, as well as giving external input into the project's methods, plans and results. This meeting saw a great deal of discussion about defining the concept of a 'model' of primary care, and what we mean by optimum – inspired by the presentations given in the General Assembly.



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

ISQUA Conference London

MOCHA was well represented at the International Society for Quality in Healthcare (ISQua) conference in London held on the 2nd-4th October. The theme of this year's conference **was Learning at the System Level to Improve Healthcare Quality and Safety**, a focus that is of high relevance to MOCHA.

Professor Michael Rigby presented a poster on **Enabling Client-based Assessment of Quality of Integrated Care for both Adults and Children**. Dr Kinga Zdunek presented her poster on **Societal Alerts for Safe and High Quality Care for Children**, which draws attention to the cultural influences on systems of primary care; and how this might affect policy decisions and, ultimately, the primary care services that support children's good health. Both posters are available the MOCHA website.



Dr Manna Alma conducted a workshop on MOCHA's work in talking to children and young people about their experiences of health services, and how they feel services could be better oriented to their needs. Entitled: **Listening to Children's Voices**, the workshop was well received and the project gained good insight from some of the participants in the conference.

Professor Maria Brenner and Prof Mitch Blair held a workshop entitled **Reconceptualising standards of care integration for children with complex care needs at the acute community interface**. This



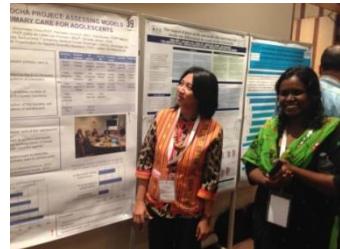
draws upon the findings from MOCHA's work into how children with complex care needs interact with primary care services, and how they can be facilitated to live with their families and in their communities. MOCHA's investigations have led to some fascinating findings, which were explored and debated by the workshop participants.

MOCHA at EuTEACH

Professor Pierre-Andre Michaud brought his MOCHA research to the Global European Training in Effective Adolescent Care and Health (EuTEACH) meeting in New Delhi, India.

The MOCHA poster: **A Model of Training Strategy to Improve Adolescent Care, Development and Health** attracted a great deal of attention and questions about our project. In addition to this, the European Paediatric Association has launched a questionnaire about training in adolescent health care in conjunction with a similar questionnaire sent out to the MOCHA country agents.

You can see the poster displayed at EuTEACH by Prof Michaud on the MOCHA website.



European Public Health Association (EUPHA)



As in previous years, MOCHA was active in contributions to the EUPHA Annual Conference, held this year in Stockholm, Sweden. From Work Package 3 Dr. Danielle Jansen contributed **School Health Services in 30 European countries in 2009 and 2016: what is new and what has changed?**, while Dr. Kinga Zdunek's contribution was on

Societal influences on the shape of child-oriented health policy – the agents of the child as children's voice representation. For Work Package 8, Prof. Michael Rigby contributed a poster on **Child Health Informatics – a Neglected Area of European E-Health Activity.** All received considerable interest from those involved in child health matters.

The last and main contribution was a workshop on the core MOCHA topic of **Appraising Primary Care for children and adolescents in Europe – are we measuring the right things?** This was chaired by Danielle Jansen, with contributions from Michael Rigby, and Dr. Oscar Tamburis on behalf of the CNR team in Rome.

National Dissemination

Our MOCHA country agents have been disseminating MOCHA work in their countries. In Poland, Dr Kinga Zdunek presented at a conference at the University of Maria Curie-Skłodowska in Lublin in May 2017. As part of a conference about Responsibility in health care, Dr Zdunek discussed societal responsibility for children's health.

External Advisory Board News

One of the MOCHA External Advisory Board members, Professor Neal Halfon from the University of California, Los Angeles (UCLA) recently visited Imperial College London. During this time, he met with some MOCHA project members, including Dr Paul Kocken who is leading the appraisal work package of the project, Professor Mitch Blair, Professor Michael Rigby, Christine Chow and Dr Denise Alexander to discuss some of the very early MOCHA conclusions, directions of the project and to give a global perspective to our work.

Professor Halfon is an expert in child health service design, and in this role, his perspective is potentially extremely valuable to the MOCHA project. He joined the Royal College of Paediatrics and Child Health in London to present a webinar on the challenges to child health in America. You can watch a recording of the webinar at www.rcpch.ac.uk/news/webinar-emerging-challenges-child-health.

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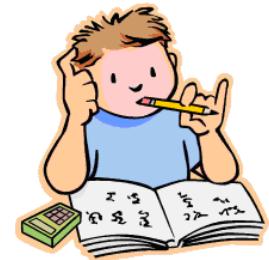
Deliverables

Immediately after the Riga annual meeting, MOCHA was extremely busy completing a number of deliverables that were due for submission at the end of November. Two of these were the summation of the work carried out by Work Package 2, which looked at how children with complex care needs interact with primary care, and how the interface

between primary care and other agencies and services functions in different countries. The **Report on Needs and Future Visions for Care of Children with Complex Conditions** presents their results in terms of the different dimensions of care of children with complex needs, including the referral discharge interface, the management of a child with complex healthcare needs, the interface with social care and nursing preparedness for practice in caring for children in the community. It also draws upon the MOCHA interviews with children and families as part of the DIPEX work within the MOCHA project.

The Report on **Requirements and models for supporting children with complex mental health needs and the primary care interface** uses ADHD and Autism as tracer conditions for complex mental health needs. These conditions were selected because of their persistent complex care needs across the life course of childhood, and the specialised and general psychiatric medical and social services that are generally required. The report provides a comprehensive analysis of the current approach to managing children with these needs in Europe. The work found that children's needs are best fulfilled when their care is integrated between different levels of the health system, allowing children to receive a continuum of preventive and curative services.

The **Report on differences in outcomes and performance by SES, family type and migrants of different primary care models for children** explored the challenges of equity of provision of primary care to all children. This is a fundamental right for children, and the primary care services have an opportunity to reduce the inequities that some face in societies, this report explores to what extent this happens, and what we know about equity in the primary care models in Europe from the data available.



Collaboration with World Health Organisation

At the end of October, Prof Mitch Blair and Prof Michael Rigby were invited by WHO European Regional Office to take part in a working meeting on **Child Health Redesign in the European Region**. Prof. Blair gave a presentation on MOCHA, and Prof. Rigby was involved in a number of subsequent discussion groups. WHO have indicated that they wish to continue this synergy, seeing MOCHA as a project which can contribute to, and gain from, their activities.

Project News

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Merry Christmas, Happy Holidays and a Happy New Year from all at MOCHA