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Models of Child Health Appraised

(A Study of Primary Healthcare in 30 European countries)

December 2018

Volume 4, Number 3

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MOCHA Farewell



The MOCHA project officially concluded on 30th November 2018, so this is our final newsletter. For the past three years, we have been working to identify and critically assess all aspects of primary health care provision to children of all ages in the 30 EU and EEA countries. We have come a long way since the first newsletter was published in the autumn of 2015, and achieved so much that we struggled to analyse all our data before the final curtain came down.

In true MOCHA style, therefore, our work is not quite over. In the past three months we have produced more papers ready for submission to scientific journals, attended conferences and also hosted our final conference in The Hague. We are also planning to ensure that our findings and our data doesn't just 'sit on a shelf' but continues to be accessible, and informs research and practice in primary care – all with the aim of improving the health of the children of Europe.

MOCHA Final Conference

We held our final conference at the University of Leiden in The Hague, hosted by our WP9 research team at TNO, Netherlands. This was our opportunity to present our findings and the discussions we have been having about child primary care since Autumn 2015.

A very full two days was opened by Professor Mitch Blair, Principal Investigator of the MOCHA project. Introductory talks were given by Professor Mariëtte Bussemaker (Former Education Minister, Netherlands), who as a paediatrician is well aware of the challenges faced by primary care; and as a politician recognises the holistic nature of child health – which encompasses the disciplines of education, housing, environment as well as the health services. Dr Martin Weber, Head of Programme, Child & Adolescent Health, WHO European Region addressed the conference by stressing the need for robust information about child health services and models to inform health policy.



MOCHA Partners

Imperial College of Science,
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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

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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



Talks were given on key MOCHA topics:

Finding the Evidence – session chaired by Professor Richard Parish (MOCHA External Advisory Board Chair), including talks from Shalmali Deshpande on **What Data is out there?**; Dr Uy Hoang on **Innovative use of databases MIROI** and Professor Sharon Goldfeld on **Understanding equity and inequity issues in MOCHA.**

Contributors of Primary Care for Children – session chaired by Professor Michael Rigby (Deputy P.I. MOCHA), including presentations by Dr Denise Alexander on **Community Pharmacy, Dental, Social care**, Shalmali Deshpande on **Apps, Hotlines and Websites.**

Growing with MOCHA - Session Chaired by Professor Michael Rigby (Deputy P.I. MOCHA) enabled contributors to the MOCHA project to outline how their experience has shaped the project, and also how they have benefited professionally from the experience. Dr Eline Vlasblom discussed **MOCHA from the scientist's perspective**; and Arjun Menon and Michael Mahgerefteh discussed the project from a student's perspective. Carol Hilliard (Country Agent, Ireland) gave an informative talk about the extensive, varied and challenging work carried out by all the country agents to obtain data for the MOCHA project.

Getting started - Session chaired by Professor Richard Parish (MOCHA EAB Chair) outlined the development and first stages of the project. Professor Mitch Blair outlined **The Starting Point – Background & Methods**, and Dr Denise Alexander discussed the development and importance of **child centricity in MOCHA**, on behalf of Dr King Zdunek.

Listening to People Session chaired by Professor Richard Parish (MOCHA EAB Chair) saw Dr Manna Alma describe the input from **Young People** to the project as a result of interviews and focus groups with young people in five countries; Dr Eline Vlasblom described the process of **consulting stakeholders and the public** on



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

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behalf of Dr Janine van Til; and Dr Tamara Schloemer outlined the PIET-T transferability tool that helps **policy makers** use the project findings in an acceptable way in their countries.

The Measurement Conundrums -

Session chaired by Professor Michael Rigby discussed the **challenges of obtaining data and measures** on children's health and wellbeing. Professor Heather Gage described her work on **Economics & Workforce**; and Dr Nadia Minicuci discussed the challenges of **calculating conclusions** about primary care health systems despite a lack of available data.

Services and support for special populations - Session chaired by Professor Mitch Blair and Ms Johanna Pacevicius (Association of European Regions representative of the EAB) looked at how MOCHA examined the needs of specific child populations. Dr Maria Brenner described the work into the needs of **Children with Complex Care Needs - Patients & Primary Care Interfaces**; Dr Danielle Jansen outlined the work of MOCHA focused on **school health systems**; and Professor Pierre-Andre Michaud presented work on **adolescent health services** and on **MOCHA findings on mental health across the life course**. Professor Mitch Blair and Professor Anne Clancy presented work on **Doctors, Nurses and Training for 21st Century Child Health**; and Professor Michael Rigby introduced the MOCHA theme of **e-health As An Enabler**.

Bringing MOCHA Lessons To Your Services - Session chaired by Professor Mitch Blair allowed Dr Helen Wells to describe her work on **Penalties and Incentives** and avoiding the unintended consequences of policy decisions; Dr Paul Kocken described the **Potential Impact of MOCHA on Service Delivery** and Professor Michael Rigby closed with **Life After MOCHA: further partnerships and future research**.

All the presentations are available on our website: <http://www.childhealthservicemodels.eu/publications/conference-presentations-posters/>. Video recordings of the day will be available soon.

Our 19-chapter conference report is available on our website www.childhealthservicemodels.eu and will be published as a e-book and paperback book by Emerald Press in 2019.



Recent events

Professors Mitch Blair and Michael Rigby along with Denise Alexander were invited to represent MOCHA at two joint World Health Organisation meetings: **Child Health Redesign** and: **Nurturing Child Care for Early Child Development**, specifically calling upon the MOCHA findings in the area of early childhood development.





On the 21st and 22nd November, the **MOCHA/Trillium II Stakeholder Event** took place hosted by WHO in Copenhagen, Denmark. This event drew upon the outcomes of the initial joint MOCHA-Trillium II workshop, which was held in September 2018 discussing Digital health policies for Children's Health. The Stakeholder event explored the priorities needed to harmonise child health data in Patient Summaries and record systems, and began a plan of action based on the joint findings.

Professor Mitch Blair and Professor Pierre-André Michaud attended the **European Academy of Paediatric Societies (EAPS)** conference in Paris on the 30th October – 3rd November 2018. Prof. Blair presented MOCHA findings in three presentations:

- **Assessing Which Models of Child Health Services Provide Best Outcomes for Children and Young People in Europe - MOCHA Evaluation and Key Findings;**
- **What Can European Community Pharmacies Offer Children and Young People? - A MOCHA Survey and**
- **Well Child Care in Europe - A Comparison of 26 Countries - A MOCHA Project.**

Professor Michaud presented MOCHA findings on adolescent health in a paper entitled: **Do adolescents living in Europe receive the health care they deserve?** He also explored the training of physicians in adolescent health in a presentation entitled: **Are European physicians adequately trained to deliver quality health care to adolescents?**

Professor Michael Rigby represented MOCHA at the **European Public Health Association (EUPHA)** conference in Ljubljana, Slovenia on the 28th November – 1st December 2018. He presented papers on some of the more unexpected findings of MOCHA, and followed up opportunities for ongoing linkage after the end of MOCHA so as to continue progress on key issues.

Dr Elena Montañana Olaso presented the work of Work Package 2 on the educational requirements for the care of children with complex needs at the **22nd International Nursing Research Conference**, which was held in: Córdoba, Spain on the 14-16 November 2018. The presentation (given in Spanish) was entitled:

"Identificando requisitos educativos para el cuidado de niños con necesidades de salud complejas: un estudio europeo" (Authors:

Clancy A., Montañana Olaso E., Larkin P., Brenner M).



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Professor Pierre-André Michaud attended the **Congress of the European Chapter: International Association for Adolescent Health** at Chisinau, Moldova on October 4th, 2018. His contribution was entitled: **Do adolescents living in Europe receive the health care they deserve?**

MOCHA was represented at the **European Academy of Paediatrics** Winter meeting in Brussels, December 7th, 2018 by Professor Pierre-André Michaud. His paper was entitled: **Are European physicians adequately trained to deliver quality health care to adolescents?**

Publications

MOCHA work describing the needs and provision in the community for children with complex care needs has recently been published in the Lancet Child and Adolescent Health. The two papers explore the integration and management of care for this cohort of children in the interface between primary and secondary care – which is known to be a challenge and pose risks to health for seriously ill children. The two papers are:

- Maria Brenner, Miriam P O'Shea, Philip Larkin, Daniela Luzi, Fabrizio Pecoraro, Oscar Tamburis, Jay Berry, Denise Alexander, Michael Rigby, Mitch Blair. **Management and integration of care for children living with complex care needs at the acute–community interface in Europe.** Lancet Child Adolesc Health 2018; 2: 822–31
- Maria Brenner, Miriam P O'Shea, Rebecca McHugh, Anne Clancy, Philip Larkin, Daniela Luzi, Fabrizio Pecoraro, Elena Montañana Olaso, Sapfo Lignou, Manna Alma, Rose-Marie Satherley, Oscar Tamburis, Austin Wartens, Ingrid Wolfe, Carol Hilliard, Jay Berry, Denise Alexander, Michael Rigby, Mitch Blair. **Principles for provision of integrated complex care for children across the acute–community interface in Europe.** Lancet Child Adolesc Health. 2018; 2: 832–38

Further papers from the project on a number of key themes are anticipated in early 2019.

The MOCHA findings will also appear as a book: **Issues and Opportunities in Primary Health Care for Children in Europe: The final summarised results of the Models of Child Health Appraised (MOCHA) Project** published by Emerald Press; and we are also working on a volume focusing on the data gaps and requirements for optimum child health surveillance and knowledge in primary care to be published by IOS press as **Child Data, Information and Informatics – Learnings from the Models of Child Health Appraised (MOCHA) Project.**



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What's next?

The MOCHA website: www.childhealthservicemodels.eu will still remain active – there will be some exciting new developments in 2019, so please keep checking for latest news every now and then.

If you would like to contact anyone about the project, or would like to inquire about using MOCHA data for secondary analysis, please contact us via the website.

Thank you to everyone who has contributed to and followed the progress of the MOCHA project in the past 3½ years. We wish you all a Happy holiday season and a fantastic 2019.



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