

LIVED EXPERIENCE OF LONG COVID

Session 3 13:30 – 15:00

Hosted by: Cervantée Wild, University of Oxford) and Alice MacLean, University of Stirling





Managing Director Patient Experience Network







Patient Experience Network







Event Manager Patient Experience Network





 $\langle \rangle$



WHO WE ARE AND WHAT WE DO





Patient Experience Network DR NEIL CHURCHILL Director for Experience, Participation & Equalities NHS England



Session 3: How Long Covid Impacts Families

Amplifying the Voices of Children and Young People

25 July 2023

PATIENT EXPERIENCE NETWORK Lived Experience of Long Covid



Collaborators

FUNDED BY

NIHR National Institute for Health and Care Research







LONG COVID KIDS



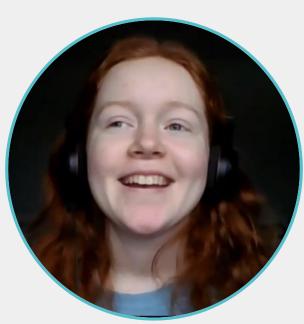
Sammie McFarland CEO & Founder Long Covid Kids

Advisory Panel, Long Covid in Families study Interview participant, Long Covid in Families study Colin Pidgeon NI Representative Long Covid Kids

Interview participant, Long Covid in Families study

Rosie Pidgeon Artist





ONE OF FOUR SISTER STUDIES EXPLORING EXPERIENCES OF COVID-19 IN UK

1. Variation

Exploring differences (and similarities) in experiences of Covid-19, with a particular focus on seldom heard groups

2. Severity

Exploring experiences of COVID-19 patients (and their families) who were treated in ICU

3. Duration

Exploring experiences of Long Covid in adults

4. Long Covid and family dynamics



Economic and Social Research Council

THIS.



FUNDED BY

National Institute for Health and Care Research



73 narrative interviews with children, teenagers, young people, parents (maximum variation sample)



Patient and clinician perspectives on communication about Long Covid in GP settings



73 narrative interviews with children, teenagers, young people, parents (maximum variation sample)



Patient and clinician perspectives on communication about Long Covid in GP settings



Experience-based online resource on healthtalk.org



Cross-country comparative studies of Long Covid experience



Ongoing dissemination: theatre-based workshops, policy engagement

Publishing scientific papers, archive of interviews for secondary analysis



Online dissemination

- Public-facing collection of topics
- Diverse range of experiences
- Video, audio, text extracts
- For patients and the public, learning and teaching, service improvement initiatives & policy makers

Family experiences of Long Covid

> Overview

> Understanding Long Covid

Realisation of Long Covid

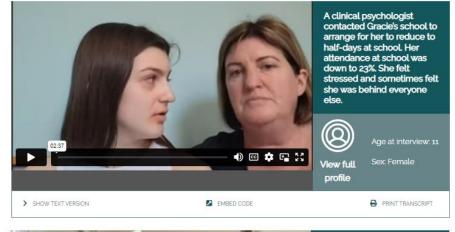
Talking to other people about Long Covid

 Experiences of being unwell with Long Covid

Symptoms and changing symptoms

Self-management and self-care of Long Covid at home

Mental health impact of Long Covid







Key messages about help-seeking, care pathways, & Long Covid clinics

- Access to Long Covid clinics
 - Disparate coverage across four nations
 - Awareness & access to referral from primary care
 - Burden on patients to navigate & coordinate
 - Inequalities how does a 'typical' patient present, economic inequality
- Meeting and managing expectations
 - Acknowledgement of the journey to get there
 - Personalisation depending on symptoms
 - Expectation of screening, testing (if not treatment)
 - (Appropriate) psychological input
- Self-management vs treatment
 - Strategies for self-management of symptoms <u>in the absence of</u> treatment
- Monitoring and surveillance function
 - Discharge from service not helpful for monitoring purposes

LONG COVID KIDS



Sammie McFarland CEO & Founder Long Covid Kids

Advisory Panel, Long Covid in Families study Interview participant, Long Covid in Families study

Colin Pidgeon NI Representative Long Covid Kids

Interview participant, Long Covid in Families study

Rosie Pidgeon Artist

Children, young people & Long Covid Long Covid clinics: mini film

LONG COVID KIDS



Sammie McFarland CEO & Founder Long Covid Kids

Advisory Panel, Long Covid in Families study Interview participant, Long Covid in Families study

Colin Pidgeon NI Representative Long Covid Kids

Interview participant, Long Covid in Families study

Rosie Pidgeon Artist

Gold Standard Paediatric Service Planiningpective

Sammie McFarland Helen Goss CEO & Founder Long Covid Kids smcfarland@longcovidkids.org

COO & Scotland Lead hgoss@longcovidkids.org



Our Families Experience

Colin Pidgeon LCK Rep Northern Ireland

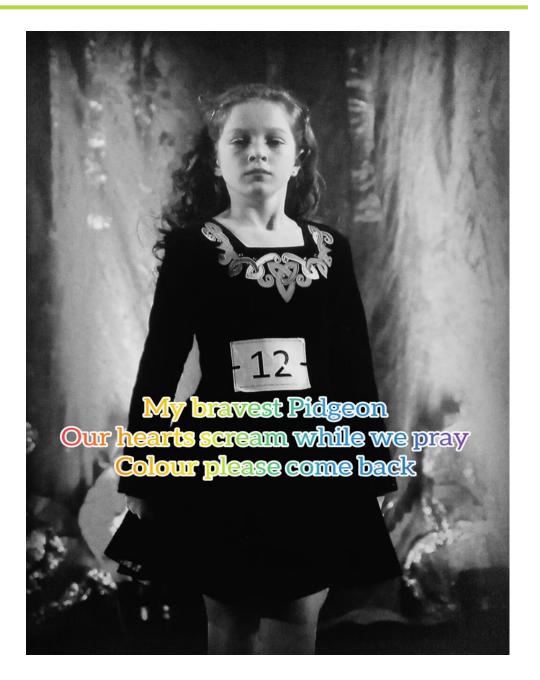
Rosie Pidgeon Youth Representative

cpidgeon@longcovidkids.org



THE PIDGEON FAMILY EXPERIENCE

- Rosie's infection August 2021
- Initially mild symptoms but instead of recovery, symptoms worsened
- Mental and emotional distress lagged the physical illness, watched as she shrank physically and crumbled in a spiral of decline
- Success! (??) Referral to Long Covid clinic
 LONG COVID KIDS



ROSIE's EXPERIENCE OF THE LC CLINIC

- Zoom assessment (2 x 45 minute sessions caused PEM)
- Sent material to read, and diary to complete
- Told to walk every day 20 minutes/day and increase
- Discharged



ROSIE'S ARTWORK

• Expression of the experience of Long Covid for children and young people











Long Covid Kids Vision for a

Gold Standard Paediatric Long Covid Clinic



INFECTION CONTROL

- Acknowledge and address the risk of reinfection and widespread transmission.
- Implement suitable and effective air filtration and ventilation measures to ensure a safe environment.
- Support mandatory mask-wearing to prevent further transmission.









PAEDIATRIC CONSULTANT LED

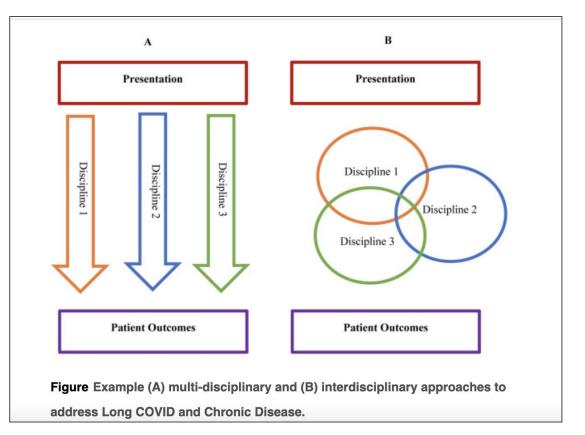
- Ensure the clinic is staffed by paediatricians with understanding, awareness and experience in treating post-viral illnesses and conditions associated with Long Covid, inc;
 - ME/CFS,
 - POTS,
 - Dysautonomia,
 - MCAS,
 - PANS.



INTERDISCIPLINARY TEAM APPROACH

- Foster collaboration among clinical specialisms, including;
 - Cardiology,
 - Neurology,
 - Psychology,
 - Endocrinology,
 - Gastroenterology,
 - Immunology,
 - Rheumatology,
 - Dietetics,
 - Occupational Therapy,
 - Physiotherapy,
 - Speech and Language Therapy.

Long COVID – Integrated Approaches to Chronic Disease Management?

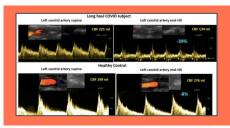


LONG COVID KIDS

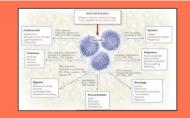
Professor Mark Faghy

PATIENT SAFETY

- Prioritise multi-system screening BEFORE commencing rehabilitation.
- Screen for conditions associated with Long Covid to tailor treatment accordingly.
- Obtain consent for data collection and commit to recruiting patients to clinical trials.



PEM/PESE - follow NICE guidelines for ME/CFS. POTS/Orthostatic intolerance



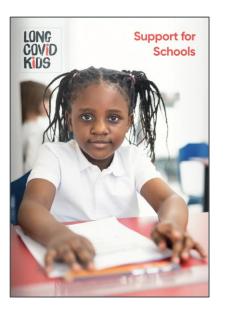
Cardiac abnormalities Mental health Hypermobility and connective tissue disorders Pain Food intolerances / new or worsened allergies

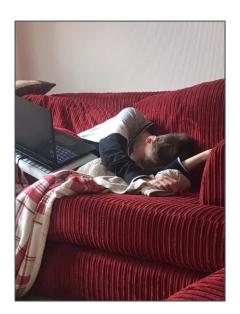
Autoimmune disease Inflammatory markers Microclotting Mood and/or behaviour changes Neurological disorders.

HOLISTIC APPROACH

- Provide empathy, support, and validation to patients and their families.
- Begin treatment pathways for pathology before initiating rehabilitation.
- Communicate with schools, school nurses, hospital schools and community services to support and develop appropriate hybrid academic support plans for children during their recovery/duration of illness.
- Offer sleep and lifestyle advice for overall wellbeing.

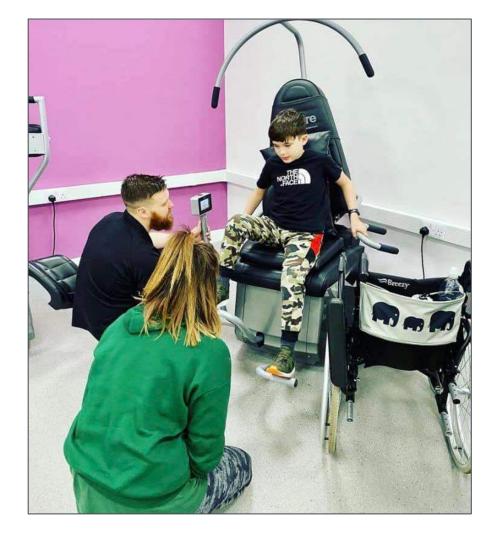




RECOGNISE NON NHS HEALTH CARE

• Acknowledge and incorporate external expertise in a collaborative manner.

Buonsenso&theKids n children there is already experience with Ivabradine before the pandemic!						
					Review	
Role of	ivabradiı	ne in pediatrics	: A review a	article		×^
Pallavi C	houdhary ^a ,	M.D. Ehtesham Ans	ari ^b , Murtaza	Kamal ^{c,*}		
Consultant De	partment of Pediatric	s, Mahavir Hospital, Jhunjhunu, I s, Nestiva Hospital, Patna, India Cardiology, Madhukar Rainbow (Delhi, India		
PEDIATRIC STUDIES				therapy		
Bonnet et al. [5]	Randomized, double blind, placebo controlled phase II/III study	Age group 6 months to 18 years 116 children Patients with DCM with a history of class II to IV symptomatic heart failure functional class and an LVEF ≤45% on stable treatment for chronic heart failure	Starting dose of 0.02 mg/kg twice daily for children 6 months to 12 months and 0.05 mg/kg twice daily -3 year. For children >40 kg dose of 2.5 mg twice daily. Dose adjusted every 2 weeks	Monitoring for 12 months on treatment with monthly visits up to 3 months and then visits at 6,9 and 12 months, ACE inhibitors, diuretics, beta blockers, digitalis and angiotensin II antaeonists	Primary endpoint (≥20% reduction in heart rate from baseline without inducing bradycardia) achieved by 70% taking ivabradine versus only 12% taking placebo. NYHA (nuctional class improved more with ivabradine	Similar frequencies of adverse effects for ivabradine and placebo groups



TREATMENT AND MONITORING

- Individualised goal orientated treatment plans based on ongoing symptoms and emerging issues.
- Ensure continuous objective monitoring and evaluation of quality of life.
- 6 monthly or annual reviews for all those not back to premorbid health and activity status.
- Discharge survey for monitoring, research and future planning.



From then to this day, he has constant pain in his hands,

The rest of the unpleasant symptoms are a "bonus", they come and go when they want.

He has not stopped visiting different hospitals to accept everything that his fragile age allows. At the moment there is absolutely no change in his

> Age 4 Living with Long Covid since December 2020

FOLLOW UP CARE

- Provide detailed patient-specific guidance for GPs/primary care teams.
- Deliver expert advice on monitoring, ongoing medication, and access to community support services.
- Determine the decision for discharge based on sustained progress and the family's readiness, rather than adhering to a rigid time frame.
- Consider a LC Community service with open access pathway back to the Long Covid clinic

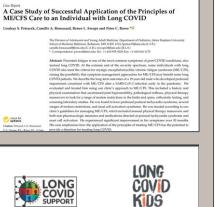


CONTINUED PROFESSIONAL DEVELOPMENT

- Ensure continuous reflection, learning and the sharing of best practices across national and international services.
- Stay updated with the latest research and advancements in paediatric Long Covid.
- Educate Primary Care staff to improve awareness and diagnosis for prompt referral.



Long COVID is the patient-coined term for the disease entity whereby persistent symptoms ensue in a significant proportion of those who have had COVID-19, whether asymptomatic, mild or severe. Estimated numbers vary but the assumption is that, of all those who had COVID-19 globally, at least 10% have long COVID. The disease burden spans from mild symptoms to profound disability, the scale making this a huge, new health-care challenge Long COVID will likely be stratified into several more or less discrete entities with potentially distinct pathogenic pathways. The evolving symptom list is extensive, multi-organ, multisystem and relapsing-remitting, including fatigue, breathlessness, neurocognitive effects and dysautonomia. A range of radiological abnormalities in the olfactory bulb, brain, heart, lung and other sites have been observed in individuals with long COVID. Some body sites indicate the presence of microclots: these and other blood markers of hypercoagulation implicate a likely role of endothelial activation and clotting abnormalities. Diverse autoantibody (AAB) specificities have been found, as yet without a clear consensus or correlation with symptom clusters. There is support for a role of persistent SARS-CoV-2 reservoirs and/or an effect of Epstein-Barr virus reactivation, and evidence from immune subset changes for broad immune perturbation. Thus, the current picture is one of convergence towards a map of an immunopathogenic aetiology of long COVID, though as yet with insufficient data for a mechanistic synthesis or to fully inform therapeutic pathways





How do Covid reinfections affect Long Covid? Results from an internet survey of

people with Long Covid

EXPECTATIONS AND SIGNPOSTING

- Provide service outline from the point of referral with clear written communications, pre-assessment selfmanagement advice.
 - Support convalescence, Pacing, and 'light' PoTS protocols.
- Signpost to Long Covid Kids for community connection, support and resources.
- Be transparent.

LONG COVID KIDS



Resources & support

We have a duty of care to ensure all children avoid infection by ensuring indoor spaces are ell-ventilated with clean air and layers of mitigation are considered appropriately. There are many ways we can all improve the health and learning outcomes for children and young people living with Long Covid. The resources below will continue to evolve as we all learn more about the mechanisms of Long Covid.











"

I have been co I have been continually impressed by the tireless advocacy of LCK and the obvious impact they are making to bring the chronic health effects of SARSCoV. on some children's health to the forefront of the public conversation. It is such a difficult task to talk about what few people with public platforms want to talk about but it is a necessity and LCK have risen up to the challenge. Their public health messaging on reducing the risk of infection in shared educational and bildcore settings has been persistent and admirable. I share LCK's vision of nition, support and recovery and proud of be a Cha Infessor Nisreen Alwan MRF. Professor in Public Health

11

Key blogs and Televisual video and professional magazines podcasts Nearly 120,000° children in the UK are living with Long Exhaustina, painful, lonely Covid | 5 News The impact of Long Covid

(continued)

Long Covid Kids.

Long Covid Kids

Long Covid Kids Ul

Infection Analysis

Long Covid Kids

Long Covid Kids

Pacing Penguins

Long Covid Recovery

A Cautious Tortoise

and Analysis

for Children

OT News

Child Specific COVID-19

Child Specific Statistics

FYI Investigates: Long Covid Project NZ Sec Ed Supporting Students with Long Covid

Long Covid Kids Awarenes Video

Resources Shining a Light on Long Covid in Children and Young People **Pacing Penguins**

A Cautious Tortoise LCK Newsletter TWINKL resources

Leaflets for professional bodie Padlet series

As reported on 7 February 202

Pictured right: from top, Pacing Penguins poster, Padlet for Sch & Educational Professionals, Two



longcovidkids.org 1



CONCLUSION

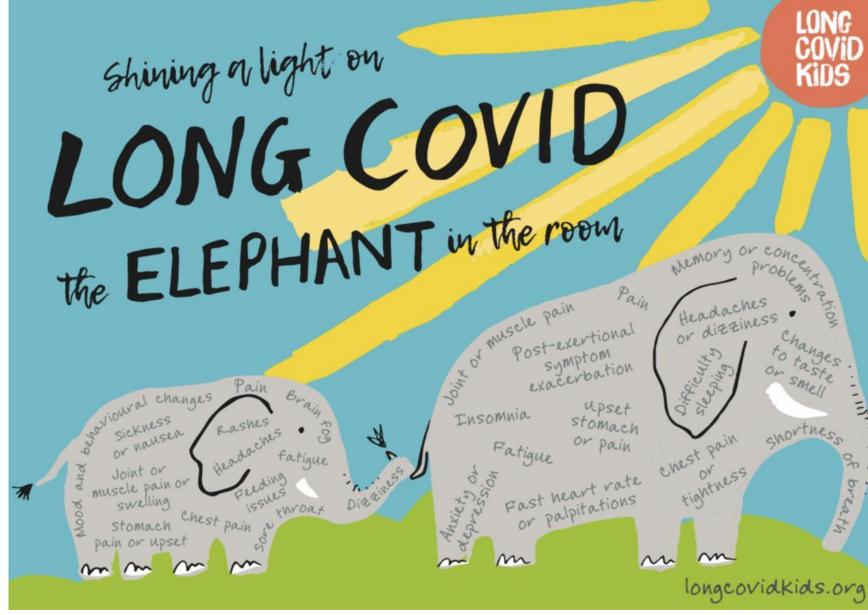
This clinic should prioritise research, innovation, and family engagement to enhance the understanding and treatment of Long Covid in children.



The Gold Standard Long Covid Clinic for Children should be a centre of excellence, offering comprehensive assessment, treatment, rehabilitation, & mental health support.

By adhering to evidence-based principles and incorporating the key considerations, this clinic aims to improve outcomes and quality of life for affected children, serving as a guiding framework for healthcare providers, policymakers, and communities.

Together, we can create a brighter future for children harmed by SARS-CoV-2.



Please sign up to our newsletter via our website to stay in touch.

https://www.longcovidkid s.org/



info@longcovidkids.org



@LongCovidKids

Thank you.

BREAKOUT ROOMS

Main Room			
First Name	Surname		
Camille	Alexis-Garsee		
Deta	Almond		
Nisreen	Alwan		
Sarah Akhtar	Baz		
Sarah	Baz		
Jodie	BCU		
Sumina	Begum		
Andrea	Bell		
Vicky	Betts		
Derwena	Bowsher		
Tricia	Bradbury		
Emma	Brazier		
Bridgett	Broughton		
Eden	Byrne		
Donna	Clutterbuck		

Click Breakout Room 1			
First Name	Surname		
Vicky	Collins		
Gill	Davis		
Paloma	Diaz Estevez		
Emma	Dillon		
John	Dunning		
Kate	Duxbury		
Alex	Evans		
Alice	Faux - Nightingale		
Katherine	Flanagan		
beth	Fletcher		
Jenny	Gaunt		
Robin	Gorna		
Michelle	Gray		
Pam	Hancock		
Bethany	Hawthorne		

Click Breakout Room 2			
First Name	Surname		
Nicki	Hodson		
Sharon	Hui		
Kate	Hunt		
stacey	Hunter		
Michelle	Hutton		
Bilal	J		
Victor	Jeganathan		
Martin	Joinson		
sam	knight		
Pamela	Lawi		
Fiona J.	Leggat		
Ana	Leite		
sally	longley		
Joanne	Loughlin-Ridley		
Tim	Lucas		

Click Breakout Room 3			
irst Name	Surname		
lice	MacLean		
arah	Markham		
Claire	Marshall		
ammie	McFarland		
Claire	McWilliams		
Shazala	Mir		
latasha	Munoz		
Carol	Munt		
/lichael	Natt		
/landy	Neophytou		
ulie	Newell		
iona	Newlands		
/ictoria	Newton		
vimee	Nixon		
usan	Nyandoro		



BREAKOUT ROOMS

Click Breakout Room 4			
First Name	Surname		
Margaret	O'Hara		
Moh	Okrekson		
Nikhyta	Patel		
Nicky	Payne		
Colin	Pidgeon		
Rosie	Pidgeon		
Harriet	Pinel		
Mary	Rankin		
Jules	Rhodes		
Jackie	Robinson		
Jackie	Robinson		
Martin	Rogers		
Tracey	Ryan		
Nathan	Samuels		
Colin	Sandiford		

Click Breakout Room 5			
First Name	Surname		
Naila	Shadi		
Joanne	Smallman		
Felicity	Smith		
Nikki	Smith		
Gemma	Smith		
Nina	Smyth		
Carly	Snowball		
Emma	Solway		
rebecca	spilsbury		
abi	stothard		
David	Sunkersing		
Michael	Suter		
Louise	Sutton		
Roxanne	Talbot		
Lisa	Till		

Click Breakout Room 6			
First Name	Surname		
Emma	Tucker		
Laura	Tuhou		
Sudharma	Weerakkody		
Charlotte	Welch		
Victoria	Welsh		
Ann	Westcott		
Sarah	Weston		
Cervantee	Wild		
ol	Worsfold		



NHS England's #StartWithPeople Learning and Support Offer

...to drive improvement, set national approach to supporting and developing people, empower local leaders to make decisions

Self-service resources	Targeted learning & support for practitioners at NHSE and in systems	Support for Patient and Public Voice (PPV) Partners	Expert networks of policy makers and practitioners	Building awareness of good practice through digital and social media
Self-service resources via <u>NHS England website</u> & <u>#StartWithPeople</u> Future NHS page to support implementation of <u>NHS</u> <u>England » Working in</u> partnership with people and communities statutory guidance <u>Introduction to working</u> <u>with people &</u> <u>communities</u> via Futurelearn	 <u>#StartWithPeople webinars</u> and virtual events Supporting learning programmes offered locally including <u>Local Trainer</u> <u>Community of Practice</u> For support with involving people with a learning disability and autistic people read <u>https://www.england.n</u> <u>hs.uk/learning-</u> <u>disabilities/about/get-</u> <u>involved/</u> contact <u>engage@nhs.net</u> or follow @NHSability 	 Resources and learning to support PPV Partners incl: PPV Partner Welcome Pack PPV Partner network Mandatory and optional elearning modules Developing Influence & Impact in your role as a PPV Partner training course Citizens Advice Bureau helpline for advice on payment Supply of devices to support Digital Inclusion Recruitment opportunities 	ICB People and Communities Leads Network (and thematic working groups) Arms-Length Bodies Forum NHS England forums incl: • Engagement Managers Community of Practice • Engagement and Equality Champions • Regional Leads Network	 #StartWithPeople Newsletter Twitter: #StartWithPeople @NHSCitizen Working in Partnership with People and Communities Podcast People and Communities Blogs
Vlune2023 v1 2				pport, contact us at: agement@nhs.net

NHS England's Bitesize Guides to Patient Insight

A series of short guides to help providers and commissioners understand the use of patient insight better and to use it effectively in delivering local services.

NHS England » Bite-size Guides to Patient Insight

- Insight what is already available
- How and when to commission new insight and feedback
- Writing an effective questionnaire
- Building greater insight through qualitative research
- Seeking feedback in distressing or highly emotional situations
- Helping people with a learning disability to give feedback
- The National Patient Reported Outcome Measures (PROMS) programme