

UKDHC ANNUAL SCIENTIFIC INFORMATICS CONFERENCE



*Working digitally in healthcare:
How to be smarter and better.*

Wednesday 4th September 2024

Virtual Conference

Speakers include;

Debs Crohn, *Head Improvement, NHS Orkney*

Nick Crohn, *Interim Director of Acute Services and Radiology Manager, NHS Orkney*

Professor Lesley Holdsworth OBE, *Scottish Government Clinical Lead, Digital Health and Care and Associate Director, NHS Education Scotland*

James Freed, *Head of NHS Digital Academy*

Dr Mohammad Al-Ubaydli, *CEO, Patients Know Best®*

Marlene Winfield OBE

*Member, Summary Care Record;
Expert Advisory Committee, NHS England;
Ex-Director for Patients and Public in the
Department of Health Informatics &
Ex-Vice Chair of The Thalidomide Trust*

Stephen Childs

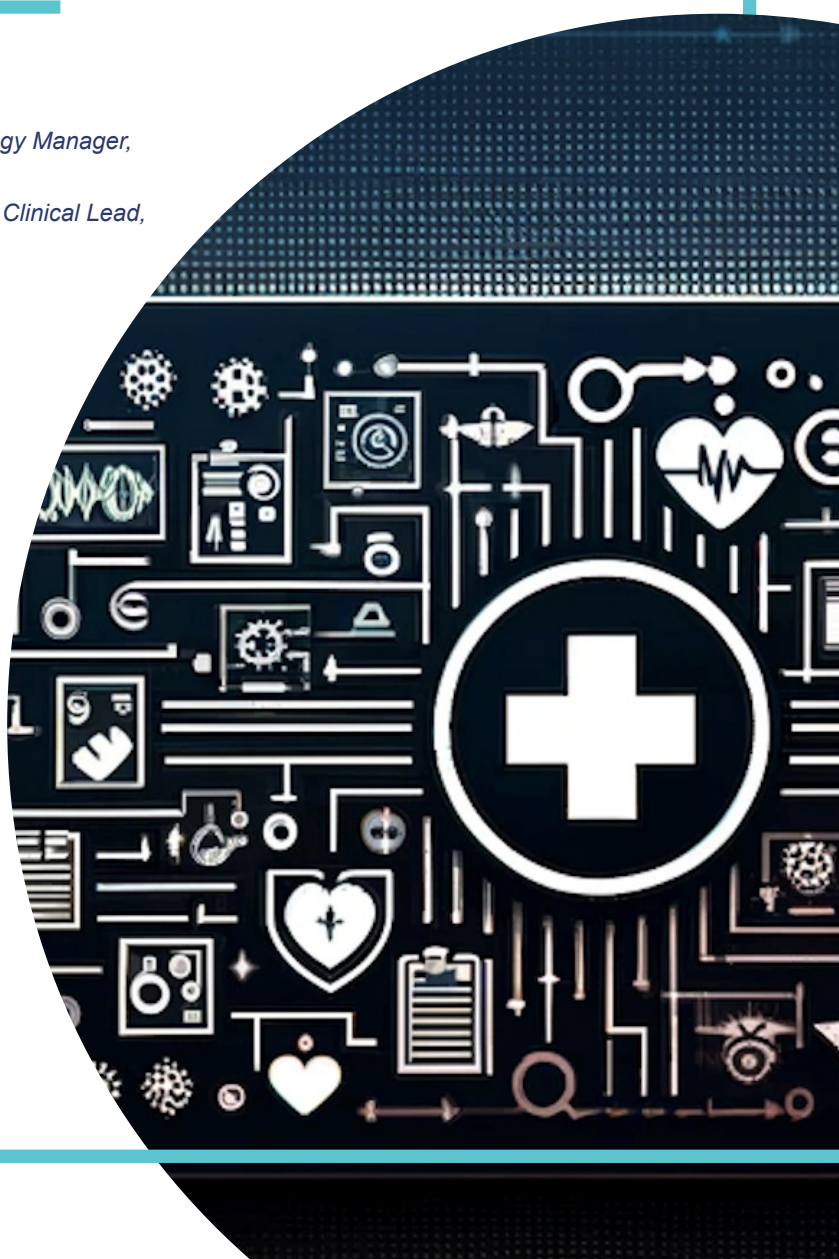
Commercial Director, NHS England

Professor Michael Kidd AO

*Professor of Global Primary Care and Future
Health Systems, University of Oxford; Former
Deputy Chief Medical Officer of Australia*

David J Wright

*Former CEO, the Royal Australian College of General
Practitioners; Former Director, Healthcare - Bahrain
Economic Board; Director, UK Digital Health and Care*



UKDHC ANNUAL SCIENTIFIC INFORMATICS CONFERENCE

Wednesday 4th September 2024
Virtual Conference

The United Kingdom Digital Health and Care CIC (UKDHC) is dedicated to fostering a collaborative environment for health and social care informaticians, organising educational events, promoting research and innovation, advocating for ethical practices in clinical informatics, and collaborating with stakeholders to enhance healthcare quality and efficiency through digital solutions.

Our annual scientific conference provides the digital health community with the opportunity to share and learn from eminent speakers and colleagues. The conference will look at improving patient care through the better use of technology. With national updates and learning from outstanding practice in hospital, general practice and the community you will hear how to provide the best digital health and care, using the latest innovative tools to support your practice.

Key Learning Objectives

- Network with colleagues who are working to improve patient care through the better use of technology
- Learn from outstanding practice in digital health in hospital, general practice and in the community.
- Reflect on national developments that are improving learning and providing more efficient care
- Improve the way we interact with patients and clients in social care
- Develop your skills in the use of the Electronic Patient Record
- Understand how you can improve your time management with modern technology
- Identify key strategies for caring for the patient without excessive “screen time”
- “See one, do one, teach one” Learn the key issues in building collaboration in the delivery of health services
- Become a better more efficient doctor/nurse/therapist/social care provider
- Supports CPD professional development and acts as revalidation evidence. This course provides 5 Hrs training for CPD subject to peer group approval for revalidation purposes

Supporting Organisations:



PROGRAMME

08.30 Welcome & Chair Introduction

Emeritus Prof. WA Wallace *Chair, Board of Directors & Conference Officer, UK Digital Health and Care*

08.40 Keynote: How we have tackled improving Digital Skills for Health and Care Staff in England & Scotland

Prof Lesley Holdsworth OBE

Scottish Government Clinical Lead for Digital Health and Care and Assoc. Director NHS Education Scotland

James Freed

*Leader, NHS Digital Academy for Health and Care
Deputy Director, NHS England*

- To provide an overview of the efforts being made by NHS England and NHS Scotland to develop a digital enabled workforce
- This collaborative joint presentation will set out why and on what basis this agenda is important and what we are trying to achieve.
- It will include examples that relate to leadership, professionalism, competence and literacy

09.25 Questions

09.30 Podium Presentations

09.30 Helping community pharmacists identify 'high risk patients': How FLAG-Me alerts can improve medication safety for people with sight impairments

Dr Lisa Riste

Research Fellow & Founder FLAG-Me CIC | Greater Manchester Patient Safety Research Collaboration | Division of Pharmacy and Optometry University of Manchester

- People with sight impairments (PwSI) are at increased risk of medication safety errors, exacerbated by most information being provided in an inaccessible 'standard format'(1).
- With 2 million PwSI in UK(2-3), not everyone has a guide dog or a long cane, and pharmacists currently have no system to accurately identify this high risk patient group.
- Community pharmacists can support medication safety but only when they know who needs support.

09.40 DeepUTI: a novel deep learning method performs as well as experienced microscopists at detecting markers of urine infection

Dr Natasha Liou

*MBBS, MSc (hon), MRCOG
Bladder Infection & Immunity Group (BIIG), Centre for Kidney and Bladder Health, University College London*

Aim of the study - The current routine tests used to diagnose urinary tract infections (UTI) are not fit for purpose. Urine microscopy is an informative diagnostic test through the enumeration of urinary cells, but is time-consuming and laborious. The aim of our study was to compare the accuracy of a deep learning model against an expert microscopist in the identification of urinary cells to detect UTI.

09.50 Optimising musculoskeletal patient pathways through a digital triage and self-management innovation: A service evaluation set within community musculoskeletal care.

Mr Kevin Tucker

*Advanced MusculoSkeletal Practitioner
Sandwell and West Birmingham NHS Trust*

Aim of the study: To optimise the efficiency of the community musculoskeletal service pathway from first contact through to specialist MSK care through implementation of a digital innovation.

10.00 Using machine learning to identify individual-based multimorbidity clusters and healthcare utilisation in a deprived area.

Dr Nehal Hassan

*School of Pharmacy
Newcastle University*

- Multimorbid patients are at higher risk of healthcare utilisation.
- Multimorbidity in deprived areas require more attention to polypharmacy prescription, and chronic conditions routine reviews.
- Individual-based clustering of multimorbid patients could improve understanding of multimorbid groups requiring more clinical review.

10.10 Implementation of Electronic Outcome Forms in Outpatient Departments at Salisbury District Hospital: An Evaluation Study

Miss Annalise McNair

*Orthodontic Consultant & Chief Clinical Informatics Officer
Salisbury NHS Foundation Trust*

The aim of this study was to evaluate the implementation of an electronic outcome form in the outpatient departments at Salisbury District Hospital. This involved qualitative and quantitative research methods and resulted in a reduction of patient safety issues and improvement of patient and staff satisfaction with the outcome form process.

10.20 Questions

10.30 Morning comfort break and virtual networking

Session Chair

David J Wright *Former CEO, the Royal Australian College of General Practitioners; Former Director, Healthcare - Bahrain Economic Board Director, UK Digital Health and Care*

10.50 Digital Health to the Rescue: lessons from the pandemic

Professor Michael Kidd AO

*Professor of Global Primary Care and Future Health Systems, University of Oxford
Former Deputy Chief Medical Officer of Australia*

This presentation will focus on some of the advances in digital health innovation and rapid implementation experienced during the COVID-19 pandemic and how these changes are transforming health care delivery.

11.20 Questions

Session Chair

Emeritus Prof. WA Wallace *Chair, Board of Directors & Conference Officer, UK Digital Health and Care*

11.25 Keynote: Action Plan for the Digital Patient

Marlene Winfield OBE

*Member, Summary Care Record;
Expert Advisory Committee, NHS England;
Ex-Director for Patients and Public in the Department of Health Informatics Directorate & Ex-Vice Chair of The Thalidomide Trust*

I will expand on my 2024 report and its recommendations – A Digital Patient Task Group to be set up to develop a coherent, coordinated and comprehensive Digital Patient Programme in England, with a dedicated Action Plan. Under each of eight headings including Identifying three long-term conditions most amenable to producing better outcomes using digital health technologies; build the capacity of NHS and social care organisations to use digital tools; taking into account affordability, value for money, and funding.

11.40 Keynote: Patient Passport

Dr Mohammad Al-Ubaydli

CEO, Patients Know Best®

The Times reported in February 2024 that the “Public back ‘patient passports’ to share medical records with any doctor Single digital system recommended by The Times Health Commission would track a patient’s records for life, allowing any GP, NHS hospital, pharmacy or social care agency to access information”. I will describe how this can be done.

11.55 Discussion

12.05 Guest lecture

What we have and what we need to provide for the best Digital Health and Care in Orkney

Debs Crohn

Head of Improvement

Nick Crohn

*Radiology, Audiology and Laboratory Services Manager
NHS Orkney*

- Provide an overview of the work the diagnostic team have delivered using portable Xray equipment and mobile MRI scanner to bring care closer to the patient
- How we are supporting isolated community using Virtual Consultations
- How we have upskilled health and social care staff with digital skills

12.40 Questions

12.45 Lunch, networking, and exhibition

Session Chair

Jane Fitzgerald *Course Leader, MSc Health Informatics, Deputy Vice-Chair, Health Ethics Panel, University of Central Lancashire; Education Committee, UK Digital Health and Care*

13.15 Podium Presentations

13.15 Enhancing Radiology Assessments with Human-Centric AI: A Pilot Project in CT Scan Analysis

Dr Manoj Srivastava

*Senior Consultant, Radiology and Deputy Chief Clinical Informatics Officer
George Eliot Hospital NHS Trust*

Aim of the study is:

- To enhance radiology assessments and improve the current manual process.
- To develop a human-centric AI model to expedite CT scan analysis at George Eliot Hospital.

13.25 Enhancing Awareness and Literacy of Medical AI Among Primary Care Physicians: What Strategies Can Promote Effective Adoption?

Mr Aritra Datta

Imperial College London

Aims of the study

- To explore methods for enhancing awareness and literacy of AI in medical practice among PCPs, with the aim of promoting effective adoption of medical AI in primary care settings.

13.35 The Implementation of Speech Recognition Using the PDSA Cycle: Pilot Project

Reham Ahmad

*Clinical Informatics Research Fellow
George Eliot Hospital NHS Trust*

Aim of the study is:

- To achieve high adoption of speech recognition at George Eliot Hospital (GEH) NHS Trust through iterative quality improvement cycles using the Plan-Do-Study-Act (PDSA) framework.
- To measure user satisfaction with speech recognition technology.
- To measure the time required for using speech recognition compared to typing.

13.45 The Use of Telemedicine Technologies for Triage Process at the Emergency Department During COVID-19: A Systematic Review

Reham Ahmad

*Clinical Informatics Research Fellow
George Eliot Hospital NHS Trust*

Aim of the study:

- To synthesise evidence related to the use of telemedicine technologies for the triage process in the Emergency Department (ED) during COVID-19.
- To assess the safety and effectiveness of telemedicine technologies used for triage in EDs during the COVID-19 pandemic.
- To utilise lessons learned from the implementation of telemedicine during COVID to inform future implementations.

13.55 Questions

14.05 SUPPLIER SHOWCASE: Results of the NHS digiwell trial with Airemail tool

Ameet Bakhai

*Co-Founder
AirEmail
Cardiologist, Research Director*

Results from 1st Healthcare Trial using AirEmail Inbox tool to safeguard patient emails, improve productivity and staff wellbeing.

14.15 Conference splits into streams

14.20 Stream sessions start

Parallel Session 1: Do we need digital clinical safety?

Stuart Harrison CEng FIET MIEEE

Co-founder & CEO

ETHOS Ltd

Research Assistant, University of Warwick

Clive Flashman

Chief Digital Officer

Patient Safety Learning

Parallel Session 2: AHP Unlocking Potential: Stakeholder Engagement in User-Centred Design

In this session, we will showcase a number of projects delivered by the Topol fellowship programme. We'll explore strategies for effectively involving stakeholders in user-centered design processes, including techniques for collaboration, communication, and feedback to enhance innovation and project success.

Chair: Helen Robson *Head of Clinical Integration and Transformation Connect Health*

Speakers: Chandrasekhar Rathinam *Consultant Therapist - Neuro Rehabilitation, Birmingham Childrens Hospital; Topol Fellow Cohort 3*

Melanie Martin *Deputy Director of Products and Experience, Surrey & Borders Partnership; Topol Fellow Cohort 1, Digital Leadership Programme Cohort4*

Dr Venkatesh Muthukrishnan *Consultant Psychiatrist, Liaison Mental Health team, Friarage Hospital; Training Programme Director, Core Psychiatry Training, North and East Yorkshire; Chief Clinical Information Officer, Tees, Esk and Wear Valleys NHS Trust*

Parallel Session 3: Meeting GMC requirements for Appraisal and Revalidation

This session has been designed to help Digital Health and Informatics doctors plan for their annual appraisal and collate all the information and details required for that process.

We will be recommending that you maintain your business diary in a way that makes it easy to collate and present the information required.

We will be showing material collated by one of our team for their own appraisal and how it has been presented "on the day". It is also important to plan ahead and to work with your appraiser to develop goals to be attained during the next year to support your ideal career development.

Dr John Woodhouse

Medical Director, Clarity & Partnership Ltd

Dr Alan Hassey

Member of the RCGP Health Informatics Group (HIG) and

Past Chair of HIG and the Joint GP IT Committee of the BMA & RCGP

Parallel Session 4: Is the UK Health System set up to Fail?

The Good, the Bad and the Reality of Kicking the Can down the Road A "helicopter view" of the delivery of healthcare services, the key dynamics at play, plus a dive into the challenges and some ideas for change.

David J Wright

Former CEO, the Royal Australian College of General Practitioners

Former Director, Healthcare - Bahrain Economic Board

Director, UK Digital Health and Care

15.20 Afternoon break

Session Chair

Emeritus Prof. WA Wallace *Chair, Board of Directors & Conference Officer, UK Digital Health and Care*

15.30 Preparing the NHS for the AI Era: A Digital Health Record for Every Citizen – Report 19 August 2024

Dr Charlotte Refsum

Director of Health Policy

Tony Blair Institute for Global Change

- How Digital Health Records can help health systems prepare for the AI era.

15.55 Questions

16.00 Competence and confidence in informatics: a UK AHP perspective

Euan McComiskie

Health Informatics Lead

Chartered Society of Physiotherapy

- To understand the current landscape of digital and informatics competence and confidence in UK AHPs
- To explore the multiple factors impacting on digital and informatics competence and confidence in UK AHPs
- To showcase some of the ways we are trying to improve digital and informatics competence and confidence in UK AHPs

16.40 Questions

16.45 Scientific presentations - winner announced

16.50 NHS England Update

Tom Slater

Digital Commercial Strategy & Solutions

NHS England Commercial Directorate

17.10 Questions with Stephen Childs, *Commercial Director, NHS England*

17.30 Reflections and Close

Emeritus Prof. WA Wallace

Chair, Board of Directors & Conference Officer, UK Digital Health and Care



**United Kingdom
Digital Health & Care**
Empowering Healthcare Innovation

UKDHC Annual Scientific Informatics Conference

Wednesday 4th September 2024

Virtual Conference

Download

> How to book

Online via www.healthcareconferencesuk.co.uk

Post this form to Healthcare Conferences UK
8 Wilson Drive, Ottershaw, Surrey, KT16 0NT

> Your Details (please complete a new form for each delegate. Photocopies are acceptable)

Dr Mr Mrs Ms (Please Circle)

First Name

Surname

Job Title

Department

Organisation

Address

Postcode

Telephone

Fax

Email

Please also ensure you complete your full postal address details for our records.

This form must be signed by the delegate or an authorised person before we can accept the booking

I accept the terms and conditions relating to cancellations, substitutions and refunds, and the privacy policy and agree to the processing of my data to receive information directly from Healthcare Conferences UK (and their event partners for jointly organised events) about related future events, news & updates, and promotional offers that I can unsubscribe from at any time.

Name

Signature

Date

> Payment

By credit card Please debit my Visa/Mastercard/Switch **All sections must be completed**

Cardholder's Name

Card No.

Valid From

Expiry Date

Issue No. (switch only)

You will be contacted during the processing of your booking to confirm the payment card security code. (this is the last three digits of the number printed on the back of your card)

Signature

Card billing address

Promotional Code

For more information contact Healthcare Conferences UK on **01932 429933** or email jayne@hc-uk.org.uk

Venue

This virtual conference will include a live stream on Zoom, interactive breakout sessions and resources available on a secure landing stage for three months after the event date.

Date

Wednesday 4th September 2024

Conference Fee

- UKDHC Member Delegate £85.00 (£174.00)
 Non Member Delegate £145.00 (£294.00) includes 6 months membership of UKDHC
 Students £60.00 (£72.00) includes 6 months membership of UKDHC

(Prices in brackets include VAT)

Terms & Conditions

A refund, less a 20% administration fee, will be made if cancellations are received, in writing, at least 4 weeks before the conference. We regret that any cancellation after this cannot be refunded, and that refunds for failure to attend the conference cannot be made, but substitute delegates are welcome at any time.

Confirmation of Booking

All bookings will be confirmed by email, unless stated otherwise. Please contact us if you have not received confirmation 10 days after submitting your booking. The access code for the virtual portal will be sent in the week before the conference.

Credits

CPD Certified. Conference Producer is a member of the British Association for Professional Conference Organisers.

Third Party Contact
If you wish to receive information from third party companies such as those sponsoring or exhibiting at our events. Please tick this box

Healthcare Conferences UK reserve the right to make changes to speakers and programmes without prior notice.
©Healthcare Conferences UK Ltd 2024



To book visit www.healthcareconferencesuk.co.uk/ukdhc or tel **01932 429933**

Visit UK Digital Health and Care (UKDHC) website www.ukdhc.org

