

Dirk Husmeier opens the Patient Day at the Golden Jubilee Conference hotel



PATIENT DAY First talk by Lis Neubeck from the Centre of Cardiovascular Health at Edinburgh Napier University who explains the barriers for patients getting involved in research and how her group is tackling this



PATIENT DAY Dirk Husmeier demonstrates with bands and springs the elasticity of the heart and then describes a virtual model of the heart ❤️



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PATIENT DAY Hao Gao looks at models of heart valves. He explains the need for real time models to help the clinician



PATIENT DAY David Dalton looks at AI in cardiac modelling



PATIENT DAY now a talk by clinician Colin Berry of @JubileeHospital who outlines why we need maths modelling in the clinic



PATIENT DAY Now we hear from Andy Steele, a heart transplant patient at the [@JubileeHospital](#). His topic is AI-powered Patient and Public Involvement & Engagement in Healthcare Research. He describes how AI creates a virtual panel which represents all.



PATIENT DAY Dirk Husmeier looks at blood pressure in the lungs



PATIENT DAY Sean McGinty takes us on a patient journey. Stent Procedure followed by tissue remodelling. He explains how now we have drug eluting stents which decrease artery narrowing.



PATIENT DAY Sean McGinty's team demonstrate drug delivery



PATIENT DAY Drug Race, Silvia Renon from Sean McGinty's team demonstrates drug moment under different conditions



PATIENT DAY Peter Stewart gives a presentation on the eye. The audience take part in his quiz



PATIENT DAY Raimondo Penta looks at how maths can help the fight against cancer.



PATIENT DAY Zita Fulop continues the cancer theme looking at electrochemotherapy which delivers drugs directly to some types of cancer cells and emphasises that the next challenge is to try and treat tumours
With this method



PATIENT DAY Radostin Simitev gives the final talk
What excites your heart ? He presents a mathematical model of cardiac excitation



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PATIENT DAY Radostin Simitev and team demonstrate how the heart reacts to various via computer programs



PATIENT DAY Question Time ?
10 talks generating lots of questions

@JubileeHospital



PATIENT DAY concludes with the panel detailing their thoughts on the way forward.

Many thanks to the patients who joined us today

