

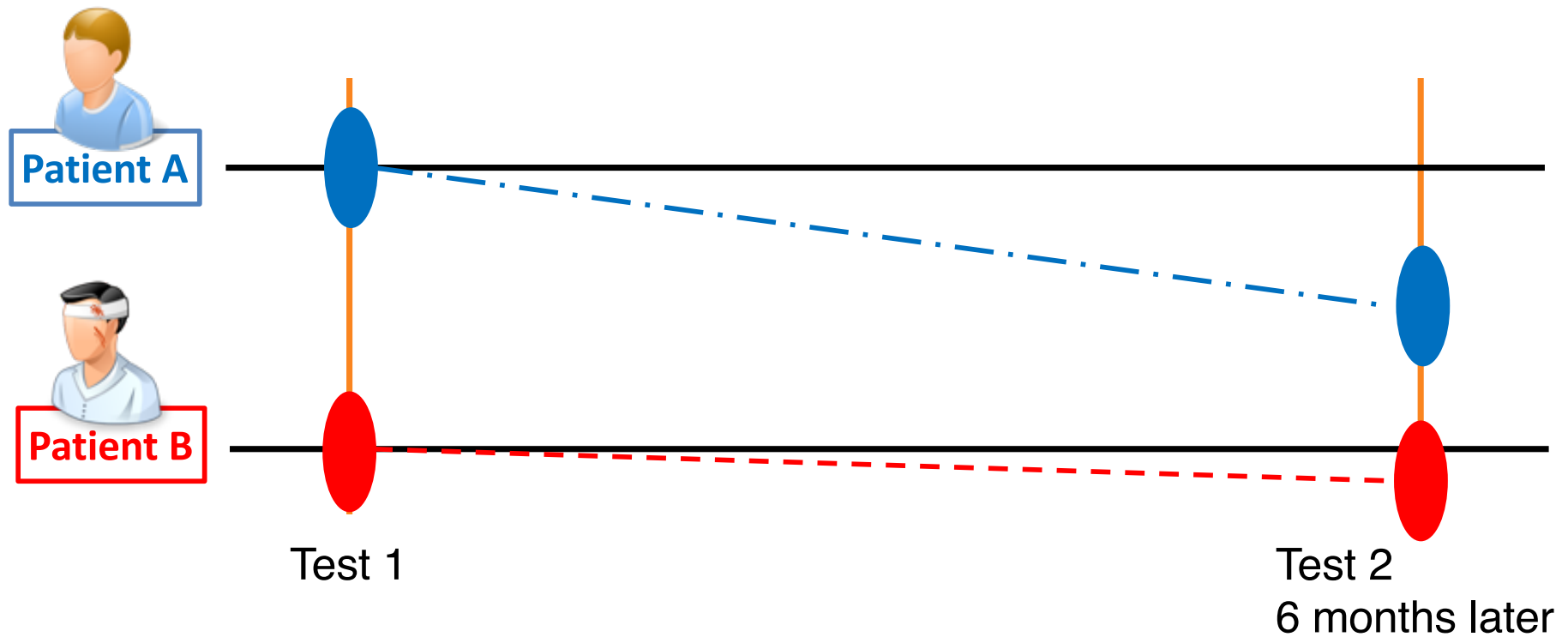


# "Patient Driven Data Generation – What Are the Evolving Trends and Opportunities?"

*Digital Patient, Digital Citizen, Tallinn 29<sup>th</sup> June, 2017*  
*Dr Elin Haf Davies*

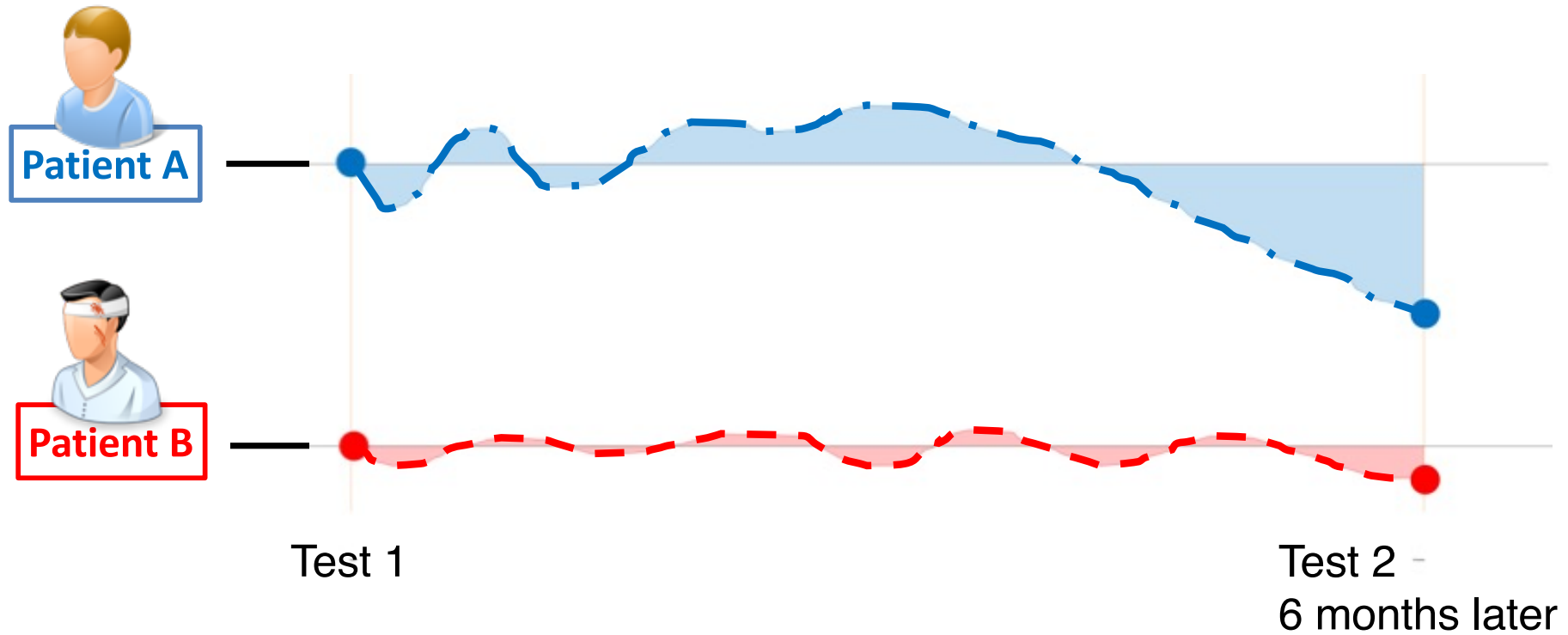


## What the Doctor **sees**...





What the patient **experiences**...



# Solution

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Smartphone-connected wearables for real-time remote monitoring and digital data collection.



## Benefits

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- **Patient generated outcome data**
- BYOD increases engagement
- Continuous rather than snap-shot data
- Passive data capture
- Paper-less data capture
- Real-time analysis – alerts and notifications
- Reduced cost / Increased value

# Patient Generated Data

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Outcomes not Outputs

# Benefits to healthcare

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- **Paperless** data capture and **real-time analysis**
- **Regulatory and Governance Compliance** technology
- **Integration and interoperability** to other tech solutions (e.g. RAVE, EHR)
- **Global** deployment
- Solution delivers **patient outcome data** otherwise not obtained
- Insight enables evaluation of both **real-world effectiveness** and value based **outcomes**

### The Patient



- No need to make regular hospital visits for routine appointments
- Meaningful data is collected directly from the patient without third party involvement
- It becomes easier for the patient to take control of their condition
- The 360 degree view of the patient from the data collected delivers improved outcomes

### The Payer



- Treatment value is better demonstrated
- Outcome based data collected from the patient can open up more options
- Treatment itself becomes more cost effective

### The HCP



- Continuous patient monitoring is possible from beginning to end during a study
- Data being capture in real-time per patient enables better treatment decisions
- Clinicians and organisations build a hive of natural history data for each disease type

### The Regulator



- Data captured in the **aparito** system meets Computer System Validation standards
- As a result of the above, the data can be consider reliable for regulatory decision making
- Safety and efficacy data are augmented by outcome measures and new data points

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