CardioVision: Non-Contact Heart Rate Monitoring of Burn Patients
Presented by: Michelle Mao, Tanishq Abraham, Connor Dougherty, Ben Price and Sagar Shah

Objectives:
1) Discuss theory of remote photoplethysmography with a RGB camera to detect burn patients heart rate
2) Describe implementation of remote photoplethysmography in continuous, non-contact heart rate measurement device
1) Describe current limitations and issues in heart rate measurement of severely burned patients.

NMR Relaxometry as a Tool for Measuring Plasma Water Content in the Clinical Laboratory
Presented by: Joseph Pourtabib, John Madsen, Shahab Chizari and Johnny Phan

Objectives:
1) Define plasma water content
2) Describe the clinical significance of measuring plasma water content
3) Discuss Nuclear Magnetic Resonance as a non-destructive method of measuring plasma water content