

Technical Research Workshop (TRW): Technology – A Driving Force in Clinical Trials
Monday 16 March 2020
Room C4.8

Sponsored by
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8.30	Registration	
08.55 – 09.00	Welcome and Introduction to the TRW	Dr Peta Lonski
09.00 – 09.05	Sponsor's Address: Varian Medical Systems	Mr Seán Watson
Session A: "Everything is Proceeding as I have Foreseen" – Emperor Palpatine Chair: Dr Peta Lonski Co-Chair: Mr Fahim Siddiqi		
09.05 – 09.20	TROG RTQA: Update, Knowledge-Based Planning, Awards and More.....	Ms Alisha Moore
09.20 – 09.40	Invited Speaker: UCSD Knowledge-Based Planning Radiotherapy Initiative	Dr Xenia Ray
09.40 – 10.00	TROG SRS Subgroup – Who, what and why	Dr John Shakeshaft
10.00 – 10.20	DIR/SMIRF Subgroup – Who, what and why	Ms Laurel Schmidt & Mr Johnson Yuen
10.20 – 10.40	TROG New Techniques and Technologies Horizon Scanning: Particle Therapy, Interventional Oncology, MRI, Global Harmonisation Group	A/Prof Joerg Lehmann & Prof Tomas Kron
10.40 – 11.00	Morning Tea	
Session B: "Stay on Target" – Gold Five Chair: Prof Tomas Kron Co-Chair: Ms Laurel Schmidt		
11.00 – 11.20	Pancreatic SBRT Motion Management, Planning and Treatment: AGITG AG0118PS MASTERPLAN	Dr John Shakeshaft
11.20 – 11.40	Renal SBRT Motion Management, KBP and Functional Imaging: TROG 15.03 FASTRACKII	Dr Nick Hardcastle
11.40 – 12.00	Difficult Renal Cancer Clinical Scenarios: TROG 15.03 FASTRACKII	A/Prof Shankar Siva
12.00 – 12.30	2020 TROG Contouring Accuracy Results: GI & GU OAR	Mr Dean Wilkinson, Dr Andrew Oar & A/Prof Shankar Siva
12.30 – 13.30	Lunch	
Session C: "I Suggest a New Strategy, R2: Let the Wookiee Win" – C-3PO Chair: Mr Rob McDowall Co-Chair: Dr John Shakeshaft		
13.30 – 13.45	The Radiotherapy Atlas Contouring Tool (TRAC) for Automated Clinical Trial QA	Mr Phillip Chlap
13.45 – 14.00	MRI Based Prostate Planning: TROG 18.01 NINJA Substudy	Prof Peter Greer
14.00 – 14.15	Liver SBRT Motion Management using KIM: TROG 17.03 LARK	Dr Trang Nguyen
14.15 – 14.30	Liver SBRT Planning, Treatment and KBP: TROG 17.03 LARK	Ms Tegan Hardcastle-Fowler
14.30 – 15.00	2020 TROG Plan Challenge Results: TROG 17.03 LARK Liver SBRT	Mr Trevor Moodie & Dr Tim Wang
15.00 – 15.20	Afternoon Tea	
Session D: "If you Only Knew the Power of the Dark Side" – Darth Vader Chair: Dr Nick Hardcastle Co-Chair: Mr Dean Wilkinson		
15.20 – 15.40	Artificial Intelligence in Radiation Therapy	Prof Annette Haworth

15.40 – 16.10	EBRT Following Interventional Oncology	Dr Richard Khor & Dr Mark Goodwin
16.10 – 16.30	ACDS Dosimetry Audit Update: SABR, SRS & MR-Linac	Dr Jessica Lye
16.30 – 16.50	Sensitivity of Patient Specific Quality Assurance (SEAFARER)	A/Prof Joerg Lehmann
16.50 – 16.55	<u>Plan Challenge and Contouring Accuracy Winners Announced</u>	
16.55 – 17.00	Closing Remarks & Survey Completion	Dr Peta Lonski
17.00	Workshop End	