

## CURRICULUM VITAE

### Personalia

Naam: Tommy Keat Kwan Liu

BIG registratienummer: 19064913701

### Opleidingen

Studie geneeskunde KU Leuven en Erasmus Universiteit te Rotterdam

2005 Arts examen, Erasmus Universiteit Rotterdam

2006 Auteurscursus Nederlands Tijdschrift van Geneeskunde

2013 ACP MK Sap 16

2013 Speaker Bureau training Frankfurt, Lion's Den Agency London

2014 Motivational Interviewing, Delft

2016 QFR certificering Medis Medical systems Leiden

2017 Registratie Cardioloog

2018 Advanced Rotacourse Aalst

2018 EMWO GCP certified

7-2019 registratie Interventiecardioloog

### Werk ervaring

04-2003 - 01-2006	medewerker stichting MedicoSelect te Rotterdam
01-2006 - 12-2007	ANIOS cardiologie, Albert Schweitzer Ziekenhuis Dordrecht
01-2008 - 09-2011	ANIOS cardiologie, Hagaziekenhuis Leyenburg te Den Haag
10-2011 - 06-2017	AIOS Cardiologie, Hagaziekenhuis Leyenburg te Den Haag
10-2012 - 09-2013	AIOS Interne, vooropleiding Cardiologie, Hagaziekenhuis
12-2013 - 12-2013	AIOS Interne, vooropleiding Reinier de Graaf ziekenhuis Delft
01-2015 - 12-2015	AIOS Cardiologie, Sint Franciscus Gasthuis Rotterdam
01-2016 - 06-2017	AIOS Cardiologie, Hagaziekenhuis te Den Haag
07-2016 - 06-2017	Aandachtsjaar Interventiecardiologie Hagaziekenhuis
07-2017 - 06-2019	Cardioloog / Fellow Interventiecardiologie Hagaziekenhuis
07-2019 - 12-2019	Cardioloog Reinier de Graaf ziekenhuis
07-2019 - heden	Interventiecardioloog Hagaziekenhuis
7-2019 - heden	Collaboration Cardioresearch Hagaziekenhuis PCI-research
<b>04-2020 - heden</b>	<b>Hartkliniek Den Haag</b>

### Extra activiteiten

Founder Evidence Based Cardiology (EBC).

2011 - 2017 Kliniekvertegenwoordiger cardiologie Hagaziekenhuis NVVC Juniorkamer

2016 - 2018 Werkgroep opleiding cardiologie regio Zuid-West, OOR Leiden-Den Haag.

2019 Implementatie project QFR voor clinical use Hagaziekenhuis Den Haag

2018 - heden lid ECMO team Hagaziekenhuis, projectimplementatie

Lidmaatschap NVVC

Lidmaatschap ESC

Lidmaatschap EAPCI

### Wetenschappelijke ervaring

2002 - 2003 Thoraxcentrum Erasmus Universiteit Rotterdam: The Rapamycin-Eluting Stent Evaluated At Rotterdam Cardiology Hospital (RESEARCH) registry.

2006 - 2008 Significance of increased serum troponin I in patients with atrial fibrillation.

2012 - 2013 Investigator Omega studie. Boston Scientific.

2016 - 2017 co-investigator Bionyx

2016 - 2017 co-investigator culprit Shock

2016 - heden Coordinator quantitative flow reserve in clinical practice Hagaziekenhuis

2017 - 2018 Data oversight committee(chair) FAVOR II trial en site PI Hagaziekenhuis

2018 co-investigator Prevail, Optimize, BioVasc

2019 - heden National P.I. FAVOR III trial , QFR studies.

2020 P.I. Optimal registry in samenwerking met Hagaziekenhuis en Svelte Medical  
Lopende aanvraag: subsidie doelmatigheidsonderzoek impact van QFR implementatie

## Literatuurlijst

### **The impact of the introduction of drug-eluting stents on the clinical practice of surgical and percutaneous treatment of coronary artery disease.**

van Domburg RT, Lemos PA, Takkenberg JJ, Liu TK, van Herwerden LA, Arampatzis CA, Smits PC, Daemen J, Venema AC, Serruys PW, Bogers AJ. *Eur Heart J*. 2005 Jan 6; [Epub ahead of print] PMID: 15637087 [PubMed - as supplied by publisher]

### **Type D personality predicts death or myocardial infarction after bare metal stent or sirolimus-eluting stent implantation: a Rapamycin-Eluting Stent Evaluated at Rotterdam Cardiology Hospital (RESEARCH) registry substudy.**

Pedersen SS, Lemos PA, van Vooren PR, Liu TK, Daemen J, Erdman RA, Smits PC, Serruys PW, van Domburg RT. *J Am Coll Cardiol*. 2004 Sep 1;44(5):997-1001. PMID: 15337209 [PubMed - indexed for MEDLINE]

### **Unrestricted utilization of sirolimus-eluting stents compared with conventional bare stent implantation in the "real world": the Rapamycin-Eluting Stent Evaluated At Rotterdam Cardiology Hospital (RESEARCH) registry.**

Lemos PA, Serruys PW, van Domburg RT, Saia F, Arampatzis CA, Hoyer A, Degertekin M, Tanabe K, Daemen J, Liu TK, McFadden E, Sianos G, Hofma SH, Smits PC, van der Giessen WJ, de Feyter PJ. *Circulation*. 2004 Jan 20;109(2):190-5. Epub 2003 Dec 22. PMID: 14691037 [PubMed - indexed for MEDLINE]

### **Significance of increased serum troponin I in patients with atrial fibrillation.**

Tommy K.K. Liu, Hendrik Jan de Heer, Marcel J.M. Kofflard. (Postersessie NVVC Voorjaarscongres 2007 Okura Hotel Amsterdam, NVVC Posterprijs voor Klinisch onderzoek.)

### **“The chicken or the egg: a patient with rapidly progressive renal and heart failure”**

Koning L., Liu T.K.K., van der Poll S.W.E., Schrama Y.C., Korpershoek H.W. (Rotterdam, the Netherlands). *Best Clinical Case award EFIM/ECIM 2015 Moscow*.

### **FUNCTIONAL ASSESSMENT OF CORONARY STENOSES BY QUANTITATIVE FLOW RATIO: A NON-INVASIVE ALTERNATIVE FOR STANDARD FRACTIONAL FLOW RESERVE**

T.K.K.Liu (HagaZiekenhuis, Den Haag); S. Somi (HagaZiekenhuis, Den Haag); G. Bleeker (HagaZiekenhuis, Den Haag); C.E. Schotborgh (HagaZiekenhuis, Den Haag); M.J.W. Götte (HagaZiekenhuis, Den Haag), ORAL presentation NVVC voorjaarscongres 2017-05-30 en Posterpresentatie ESC congres Barcelona 2017. *European Heart Journal*, Volume 38, Issue suppl\_1, August 2017, ehx502.P2375, <https://doi.org/10.1093/eurheartj/ehx502.P2375>

### **Fractional flow reserve based deferral of coronary revascularization: long-term clinical outcome in a large real world population.**

M. Buijsse, T.K.K.Liu, G.J.W. Bech M. Bax G.B. Bleeker A.P. Haasdijk C.E. Schotborgh S. Somi. *European Heart Journal*, Volume 38, Issue suppl\_1, 1 August 2017, ehx493.P6109.

### **Protecting patients through responsible use of novel oral anticoagulants: the right dose for the right patient for stroke prevention.**

T.K.K.Liu, *NHJ Vol 16, sup 1, Nov 2017;17-18 ISSN 1569-643X*.

### **Diagnostic Performance of In-Procedure Angiography-Derived Quantitative Flow Reserve Compared to Pressure-Derived Fractional Flow Reserve: The FAVOR II Europe-Japan Study.**

Westra J, Andersen BK, Campo G, Matsuo H, Koltowski L, Eftekhari A, Liu T, Di Serafino L, Di Girolamo D, Escaned J, Nef H, Naber C, Barbierato M, Tu S, Neghabat O, Madsen M, Tebaldi M, Tanigaki T, Kochman J, Somi S, Esposito G, Mercone G, Mejia-Renteria H, Ronco F, Bøtker HE, Wijns W, Christiansen EH, Holm NR. *J Am Heart Assoc*. 2018 Jul 6;7(14). pii: e009603. doi: 10.1161/JAHA.118.009603.

### **Diagnostic performance of Quantitative Flow Ratio in prospectively enrolled patients. An individual patient-data meta-analysis.**

Jelmer Westra, B.Sc.; Shengxian Tu, PhD; Gianluca Campo, MD; Shubin Qiao, MD; Matsuo Hitoshi, MD, PhD; Xinkai Qu, MD; Koltowski Lukasz, MD; Yunxiao Chang, B.Sc.; Tommy Liu, MD; Junqing Yang, MD; Birgitte K

Andersen, B.Sc.; Ashkan Eftekhari, MD, PhD; Evald H Christiansen, MD, PhD; Javier Escaned, MD, PhD; William Wijns, MD, PhD; Bo Xu MBBS; Niels R Holm, MD.  
DOI:10.1002/ccd.28283,29 Mar, *Catheterization and Cardiovascular interventions*.

**Resting Pd/Pa and FFR discordance affects the diagnostic performance of Quantitative flow ratio (QFR) with FFR as reference standard: results from an IPD meta-analysis.**

Jelmer Westra; Ashkan Eftekhari; Shengxian Tu; Gianluca Campo; Javier Escaned; Simon Winther; Hitoshi Matsuo; Xinkai Qu; Lukasz Koltowski; Yunxiao Chang; **Tommy Liu**; Junqing Yang; Birgitte Krogsgaard Andersen; William Wijns; Morten Böttcher; Evald Høj Christiansen; Bo Xu; Niels Ramsing Holm  
*Oral presentation at EuroPCR 2019*

**Primary Endpoint Results of the World-Wide WIN Registry Assessing a Self-Apposing Stent for Revascularization of Coronary Arteries in Routine Clinical Practice;**

Samer Somi HAGA Ziekenhuis, Francesco Amico Ospedale Cannizzaro, Jean-Pascal Peyre Clinique Vert Coteau, PAOLO SGANZERLA ASST Bergamo Ovest, Ospedale Treviglio-Caravaggio, Gioel Secco Santi Antonio e Biagio e Cesare Arrigo Hospital, Giovanni Amoroso OLVG, Vi-Phong HUYNH STENTYS (inc. MINVASYS), **Tommy Liu** Hagaziekenhuis: moderated poster oral presentation TCT 2019 San Francisco; TCT 289