

Recherche Clinique

Notre recherche est clinique et transitionnelle et focalise principalement sur le concept de l'inflammation vasculaire comme primum movens dans la physiopathologie coronarienne. Ce concept est complémentaire aux recherches en cours des deux physio(patho)logues de l'Université de Fribourg (Prof. J.-P. Montani et Prof. Z. Yang).

Les buts de la recherche intentée à l'HFR Fribourg sont:

- identifier les plaques à risque
- identifier les patients à risque - avec de nouveaux marqueurs d'instabilité de plaque
- traiter les plaques à risque - avec ou sans endoprothèse coronarienne

Publications 2010

Articles Originaux

1	Eshtehardi P, S. Cook, S. Wandel, L. Räber, P. Wenaweser, M. Togni, R. Vogel, A. Garachemani, F.R. Eberli, T. Lüscher, P. Juni, O.M. Hess, B. Meier, S. Windecker, Impact of Arterial Injury on Neointimal Hyperplasia After Implantation of Drug-Eluting Stents in Coronary Arteries: An Intravascular Ultrasound Study, EuroIntervention, 2010;6(4):467-74
2	Gloekler S, Meier P, de Marchi SF, Rutz T, Traupe T, Rimoldi SF, Wustmann K, Steck H, Cook S, Vogel R, Togni M, Seiler C Coronary Collateral Growth by External Counterpulsation: A Randomized Controlled Trial., Heart 2009;96:202-7
3	Eshtehardi P, P. Adorjan, M. Togni, H. Tevaeearai, R. Vogel, C. Seiler, B. Meier, S. Windecker, T. Carrel, P. Wenaweser, S. Cook, Iatrogenic Left Main Coronary Artery Dissection: Incidence, Classification, Management, and Long-Term Follow-up, Am Heart J 2010, 159:1147-53
4	Räber, L., P. Juni, L. Löffel, S. Wandel, S. Cook, P. Wenaweser, M. Togni, R. Vogel, S. Seiler, F. Eberli, T. Luscher, B. Meier, S. Windecker Impact of Stent Overlap on Angiographic and Long-Term Clinical Outcome in Patients Undergoing Drug-Eluting Stent Implantation, JACC, 2010;55:1178-88

Articles originaux 2010

5	Eshtehardi,P, S. Windecker, S. Cook, M. Billinger, M. Togni, A. Garachemani, B. Meier, O.M. Hess, P. Wenaweser, Dual low response to acetylsalicylic acid and clopidogrel is associated with myonecrosis and stent thrombosis after coronary stent implantation, Am Heart J 2010;159:891-898.
6	Millauer N, Jüni P, Hofmann A, Wandel S, Bhambhani A, Billinger M, Urwyler N, Wenaweser P, Hellige G, Räber L, S. Cook, Vogel R, Togni M, Seiler C, Meier B, Windecker S. Sirolimus versus paclitaxel coronary stents in clinical practice. Catheter Cardiovasc Interv. 2010 Apr 29. [Epub ahead of print]
7	Cook S, JC Stauffer, OM Hess, P Erne, Current Outpatient Therapy of Stable Coronary Artery Disease in Switzerland - A Countrywide Investigation With Focus on Resting Heart Rate, Cardiovasc med, 2010, 13:235–239
8	Moschovitis A, S. Cook, B Meier, Percutaneous coronary interventions in Europe in 2006, EuroIntervention. 2010 Jun;6(2):189-94
9	Räber L, P. Juni, E. Nuesch, B. Kalesan, P. Wenaweser, A. Moschovitis, A.A. Khattab, B. Bahlo, M. Togni, S. Cook, R. Vogel, C. Seiler, B. Meier, S. Windecker, Long-term Comparison of Everolimus-Eluting And Sirolimus-Eluting Stents for Coronary Revascularization, JACC, 2010: in press
10	Samara ET, Aroua A, De Palma R, Stauffer JC, Schmidt S, Trueb PR, Stuessi A, Treier R, Bochud F, Verdun FR, AN AUDIT OF DIAGNOSTIC REFERENCE LEVELS IN INTERVENTIONAL CARDIOLOGY AND RADIOLOGY: ARE THERE DIFFERENCES BETWEEN ACADEMIC AND NON-ACADEMIC CENTRES?, Radiat Prot Dosimetry. 2011 Feb 17. [Epub ahead of print]
11	Jeger RV, Urban P, Harkness SM, Tseng CH, Stauffer JC, Lejemtel TH, Sleeper LA, Pfisterer ME, Hochman JS. Early revascularization is beneficial across all ages and a wide spectrum of cardiogenic shock severity: A pooled analysis of trials. Acute Card Care. 2011 Jan 18. [Epub ahead of print]
12	Radovanovic D, Urban P, Simon R, Schmidli M, Maggiorini M, Rickli H, Stauffer JC, Seifert B, Gutzwiller F, Erne P; AMIS Plus Investigators. Outcome of patients with acute coronary syndrome in hospitals of different sizes. A report from the AMIS Plus Registry Swiss Med Wkly. 2010 May 29;140(21-22):314-22.

13	Samara ET, Aroua A, Stauffer JC, Bochud F, Verdun FR. Fluoroscopy-guided procedures in cardiology: is patient exposure being reduced over time? Radiat Prot Dosimetry. 2010 Apr-May;139(1-3):271-4.
14	Schoenenberger AW, Radovanovic D, Stauffer JC, Windecker S, Urban P, Niedermaier G, Keller PF, Gutzwiller F, Erne P; For the AMIS Plus Investigators. Acute coronary syndromes in young patients: Presentation, treatment and outcome. Int J Cardiol. 2009 Nov 24. [Epub ahead of print]
15	Saguner AM, Wahl A, Praz F, de Marchi SF, Mattle HP, Cook S, Windecker S, Meier B. Figulla PFO occluder versus Amplatzer PFO occluder for percutaneous closure of patent foramen ovale, Catheter Cardiovasc Interv. 2010 Oct 7. [Epub ahead of print]
16	Froesch, P., M. Martinelli, P. Meier, S. Cook, R. Hullin, S. Windecker, P. Mohacsi, B. Meier, Clinical Use of Temporary Percutaneous Left Ventricular Assist Devices, Catheter Cardiovasc Interv., 2010: in press
17	Stolt V., S. Cook, B. Meier, Amplatzer Septal Occluder to Treat Iatrogenic Cardiac Perforations, Catheter Cardiovasc Interv., 2011: in press
18	Cuculi F, Radovanovic D, Pedrazzini G, Regli M, Urban P, Stauffer JC, Erne P; AMIS Plus Investigators. Is pretreatment with Beta-blockers beneficial in patients with acute coronary syndrome? Cardiology. 2010;115(2):91-7. Epub 2009 Nov 7.
19	Stolt VS, Chessa M, Aubry P, Juliard JM, Schraeder R, Berger A, Goy JJ. Closure of ostium secundum atrial septum defect with the Atriosept occluder: early European experience. Catheter Cardiovasc Interv. 2010 Jun 1;75(7):1091-5.
20	Togni M, Gloekler S, Meier P, de Marchi SF, Rutz T, Steck H, Traupe T, Seiler C. Instantaneous coronary collateral function during supine bicycle exercise. Eur Heart J. 2010 Sep;31(17):2148-55
21	Rutz T, Gloekler S, de Marchi SF, Traupe T, Meier P, Eshtehardi P, Cook S, Vogel R, Mohacsi P, Seiler C. Coronary collateral function in the transplanted heart: propensity score matching with coronary artery disease, Heart. 2011 Jan 26. [Epub ahead of print]

Articles originaux 2010

22	Goy JJ, Poncioni L, Morin D. Chest pain due to severe sternal pseudoarthrosis post-coronary artery bypass surgery. <i>Circulation</i> . 2010 Sep 14;122(11):1134-5
23	Roten L, Tanner H, Goy JJ, Delacrétaz E. Three-dimensional electroanatomic entrainment map in atypical atrial flutter late after heart transplantation. <i>Europace</i> . 2010 Feb;12(2):290-2.
24	Frésard I, Stalder M, Gugger M, Goy JJ. Cardiac fibroelastoma causing angina. <i>Eur Heart J</i> . 2010 Feb;31(3):380
25	Stortecky S., S. Cook, B. Meier, M. Togni, Patent Foramen Ovale - Culpable Pathway For Myocardial Infarction, <i>JACC</i> , 2011: in press

Editorial

26	Cook S, Togni M. Long-Term Outcomes after Drug-Eluting Stent Implantation: Get Your Feet Wet in the Real-World, <i>J Interven Cardiol</i> 2010;* * :1-3
----	---

Reviews

27	Cook S., O.M. Hess, R. Lerch, T. Lüscher, F. Mach, Concepts et Evidences de l'Importance de la Fréquence Cardiaque de Repos dans la Prévention et la Prise en Charge des Maladies Cardiovasculaires, <i>Cardiovasc Med</i> , 2010;13(9):265-271
28	Arroyo D., S. Cook, Percutaneous Ventricular Assist Devices: New Deus Ex Machina ?, Minimally Invasive Surgery, 2011: in press
29	Oberhänsli,M., JC. Stauffer, M. Togni, V. Ribordy, D. Chabanel, D. Hayoz, S. Cook, Infarctus myocardiique aigu - Importance du "Networking" dans la prise en charge initiale, <i>Rev Med Suisse</i> , 2010: 17;6(271):2166, 2168-72
30	Oberhänsli M., S. Cook, Die Determinanten der späten und sehr späten Stentthrombose und Möglichkeiten der Prävention, <i>Herz</i> , 2011: in press

31	Cook S., Stents - Auswahl und Indikation, Medreview, 2010: 15: 8-10
32	Puricel S., S. Cook, Stents Coronariens Actifs– Etat des Lieux 2011, Herz und Gefäss, 2011: in press

Equipe de Recherche Clinique 2010

