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PREVENTION OF RESTENOSIS IN CORONARY ARTERIES:

IONIC RADIATION, NON-IONIC RADIATION AND DRUG ELUTING STENTS

PROPOSITIONS

- ❑ Jedem Anfang wohnt ein Zauber inne. (H. Hesse)
- ❑ The growing understanding of vascular biology and the observation that exaggerated neointimal formation shows similarities to tumor growths triggered the development of new treatment strategies derived from oncology. (This thesis)
- ❑ The one-year outcome after routine intracoronary β -radiation in unselected patients is hampered by delayed major adverse cardiac events occurring between 6 and 12 month after the index procedure. (This thesis)
- ❑ The edge effect of high dose radioactive stents in porcine coronary arteries is associated with the combination of stent injury and radioactive dose fall-off. (This thesis)
- ❑ Sirolimus-eluting stents prevent neointimal proliferation and late lumen loss irrespective of the vessel diameter. The classical inverse relationship between vessel diameter and restenosis rate is seen in the bare stent group, but not in the sirolimus-eluting stent group. (This thesis)
- ❑ Sirolimus-eluting stents show a low incidence of 0.4% of thrombotic occlusion in an unselected patient population. Stent thrombosis rate and time frame are comparable to that for bare metal stents. (This thesis)
- ❑ "Feasibility" of a therapeutic modality is a necessary, but not sufficient criterion to define optimal treatment for an individual patient.
- ❑ As improvement of health-related quality of life is an important aim of Cardiology, in Cardiology -as in Oncology- measures of health-related quality of life should complement the traditional radiological, physiologic and clinical outcome measures.
- ❑ G. Hoek and coworkers recently reported on a two-fold increased risk for cardiopulmonary mortality in individuals living near a major road. (Lancet 2002.360:1203-09). This suggests that the prevention of cardiovascular disease might not only require individual measures, but also trenchant measures on a societal level.
- ❑ Habe nun, ach! Philosophie, Juristerei und Medizin, und leider auch Theologie! durchaus studiert, mit heissem Bemühen. Da steh ich nun, ich armer Tor! und bin so klug als wie zuvor; (J.W. von Goethe)
- ❑ "One-cookie" mentality is predominantly found in the Netherlands.