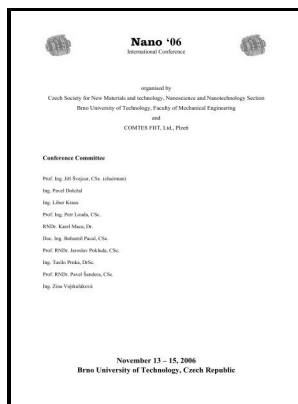


Photochromic tracer flow extraction via active contours

National Library of Canada - HIDA scan



Description: -

-Photochromic tracer flow extraction via active contours

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Canadian theses = -- Thèses canadiennesPhotochromic tracer flow extraction via active contours

Notes: Thesis (M.A.Sc.) -- University of Toronto, 1994.

This edition was published in 1994



Filesize: 20.75 MB

Tags: #Extraction #of #time #activity #curves #from #gated #FDG

High

In the monitoring of the disease progression, the level of focal activity may need to be compared in patients with suspected inflammation versus controls, or versus previous studies. Based on this evidence, quantitative absolute myocardial flow measurements can be used to improve patient mortality risk stratification in addition to other PET measures, such as relative perfusion abnormality or EF.

JPH06138137A

In cases of plaque inflammation, small hot spots need to be differentiated from uptake in other adjacent structures.

HIDA scan

The analysis techniques are similar to the methods used in oncological imaging for tracer uptake quantification in tumors. A very high negative predictive value 97 % for excluding severe left main and triple-vessel disease was demonstrated if the EF reserve was higher than 5 %. Angiography for the same case as in Figs.

Assessing the kidney function parameters glomerular filtration rate and effective renal plasma flow with dynamic FDG

Ethics approval All procedures and studies were in accordance with the ethics committee of the Medical University of Vienna acceptance no. A variety of pharmacologic agents are available for inducing hyperemic flow during imaging, as listed in Table.

Cardiac PET Imaging: Principles and New Developments

Polar maps right show corresponding significant defect at stress.

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