

Research of aneurysmal embolization using liquid material and balloon-expandable stent

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2005 Fiscal Year Final Research Report Summary

Research of aneurysmal embolization using liquid material and balloon-expandable stent

Research Project

Project/Area Number

16591447

Research Category

Grant-in-Aid for Scientific Research (C)

Allocation Type

Single-year Grants

Section

一般

Research Field

Cerebral neurosurgery

Research Institution

Kanazawa University (2005)
Kumamoto University (2004)

Principal Investigator

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Project Period (FY)

2004 – 2005

Keywords

aneurysm / embolization / liquid material / balloon expandable stent

Research Abstract

We investigated the usefulness of aneurysmal embolization using liquid material and balloon-expandable stent. First, we studied the safety of liquid material consisted of ethylene vinyl alcohol and ethanol. Then, it was proved that the liquid material was very safe and easy to use. Using the animal model of the side-wall aneurysm,

aneurysmal embolization using liquid material and balloon-expandable stent. Then, it was proved that the embolization we used was safe and useful, however, some small infraction was seen.

URL: https://kaken.nii.ac.jp/report/KAKENHI-PROJECT-16591447/165914472005kenkyu_seika_hokoku_

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