



Federatie van  
Medisch  
Wetenschappelijke  
Verenigingen

# Foundation Federation of Dutch Medical Scientific Societies

John J. L. Jacobs



Too valuable to waste:  
Experiments on  
humans and animals



promotes a sound research environment

promotes a sound regulatory environment



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# What is the



- ✓ Founded in 1959
- ✓ By scientists for scientist,
- ✓ 25 biomedical scientific societies; 8.000 scientists from NL
- ✓ 20 more participants in COREON  
legislation and juridical sound codes of conduct
- ✓ Independent of pharmaceutical industry, treatment fees and government.
- ✓ Networking in NL and EU



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# What does the Federa do

FMWV

 **coreon**  
Commissie Regelgeving Onderzoek



- ❖ **Radar developments within and affecting biomedical science**  
Networking with ZonMw, BBMRI, Rathenau, NFU, KNAW, Health Counsel, and others
- ❖ **Protecting science-related values with minimal legislative pressure**  
COREON: code of conducts
- ❖ **Informing on animal experiments:** [informatiedierproeven.nl](http://informatiedierproeven.nl)
- ❖ **Career perspective of biomedical scientist**  
99.5% out of academy; registration scientist in [SMBWO.nl](http://SMBWO.nl)
- ❖ **Discussing *new insights, new challenges* for biomedical science:** FederaDag

[www.federa.org](http://www.federa.org)

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# Federa Award



## Criteria for laureate

- ❖ Nominations by FederaDag committee members
- ❖ Selection by Federa DB
- ❖ Within subject of FederaDag
- ❖ Established senior researcher
- ❖ Originality of biomedical research
- ❖ High impact science



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Commissie Registrering Onderzoek





# Janneke Horn

[Stroke](#), 2001 Oct;32(10):2433-8.

## Nimodipine in animal model experiments of focal cerebral ischemia: a systematic review.

Horn J<sup>1</sup>, de Haan RJ, Vermeulen M, Luiten PG, Limburg M.

### Author information

#### Abstract

**BACKGROUND AND PURPOSE:** Based on the results of animal experiments, clinical trials were performed with nimodipine, which did not demonstrate a beneficial effect on outcome after stroke. The aim of this study was to determine whether the evidence from animal experiments with nimodipine supported the use of nimodipine in clinical trials.

**METHODS:** - We performed a systematic review of animal experiments with nimodipine in focal cerebral ischemia. Studies were identified by searching Medline and Embase. We assessed whether these studies showed a beneficial effect of active treatment. In-depth analyses were performed on infarct size and amount of eDNA, and subgroup analyses were performed on the length of the time window to the initiation of treatment and the methodological quality of the studies.

**RESULTS:** - Of 225 identified articles, 20 studies were included. The methodological quality of the studies was poor. Of the included studies, 50% were in favor of nimodipine. In-depth analyses showed statistically significant effects in favor of treatment (10 studies). No influence of the length of time to the initiation of treatment or of the methodological quality on the results was found.

**CONCLUSION:** - We conclude that the results of this review did not show convincing evidence to substantiate the decision to perform clinical trials with nimodipine in large numbers of patients. There were no differences between the results of the animal experiments and clinical studies. Surprisingly, we found that animal experiments and clinical studies ran simultaneously.

### Comment in

Systematic review of nimodipine. [Stroke. 2002]

PMID: 12500000

First systematic review of animal experiments (2001)



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## Proeven met mensen

Home > 2017 > Proeven met mensen

Tags: [biologie](#), [ethiek](#), [geneesmiddelen](#), [gezondheid](#), [ziekte](#), [zorgkosten](#)

Al eeuwen lang voeren mensen proeven op mensen uit om te ontdekken hoe het menselijk lichaam er van binnen uitziet en werkt, en om ziekten te begrijpen en te genezen. De geschiedenis laat zien dat de bescherming van proefpersonen in eerste instantie veel te wensen overliet en de ethische toets der kritiek niet kon doorstaan. Tegenwoordig is dit geregeld via allerlei wetten en regels en buigen eerst ethische commissies zich naarstig over vele onderzoeksvoorstellen. Zo nemen jaarlijks vele gezonde personen en patiënten van te voren geïnformeerd en geheel vrijwillig deel aan medisch wetenschappelijk onderzoek. Hierover vertellen auteurs uit verschillende disciplines van het medisch-



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# Poster Award



- **Regulatory challenges**
- **Advances in experimental design**
- **Reporting by design**
- **Tomorrow's testing on trial**



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# Program committee FederaDag 2017

John J. L. Jacobs. *Chair*

Federa; VUmc

Martje Fentener van Vlissingen

Federa; ErasmusMC

Evert van Leeuwen

Federa; RadboudUMC

Erica van Oort

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Merel Ritskes-Hoitinga

Federa; RadboudUMC

Gerard Swaen

Federa; Maastricht University

Anje te Velde

Federa; AMC

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