

# The learning curve for vitreous surgery

<b>Submission date</b> 04/01/2008	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 29/01/2008	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 29/01/2008	<b>Condition category</b> Eye Diseases	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

**Contact name**  
Prof Catherine Creuzot-Garcher

**Contact details**  
Service d'Ophtalmologie  
CHU General Hospital  
Dijon  
France  
21000

## Additional identifiers

## Study information

**Scientific Title**  
The learning curve for primary vitrectomy without scleral buckling for pseudophakic retinal detachment

**Study objectives**  
Pseudophakic retinal detachment is a complication in patients after cataract surgery. Although rare, this represents a high number of patients since the number of cataract extractions is on the rise (500,000 in France). This complication may lead to a severe loss of visual acuity.

In this study we aim to evaluate the learning curve of junior surgeons in performing primary vitrectomy without scleral buckling for pseudophakic retinal detachment.

## **Ethics approval required**

Old ethics approval format

## **Ethics approval(s)**

Ethics Committee for the Protection of Human Subjects in Biomedical Research, Bourgogne (Comité Consultatif de Protection des Personnes dans la Recherche Biomédicale de Bourgogne).  
Date of approval: 4 March 2004 (ref: 2004/19)

## **Primary study design**

Interventional

## **Study design**

Retrospective interventional case series in two academic centers.

## **Study type(s)**

Treatment

## **Health condition(s) or problem(s) studied**

Pseudophakic retinal detachment

## **Interventions**

Surgical procedure with pars plana vitrectomy under local anesthesia. Drainage of subretinal fluid through the retinal break or a retinotomy. External cryotherapy on the retinal tears. At the end of the procedure, air-gas exchange with inexpandable gas mixture. No scleral buckling added.

## **Intervention Type**

Other

## **Phase**

Not Specified

## **Primary outcome(s)**

Reattachment rate with a single procedure at 6-month follow-up

## **Key secondary outcome(s)**

1. Number of final successes
2. Number of reoperations and complications

## **Completion date**

30/04/2006

# **Eligibility**

## **Key inclusion criteria**

Patients presenting with a pseudophakic retinal detachment and a Proliferative Vitreoretinopathy (PVR) grade A and B

## **Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Not Specified

**Sex**

All

**Key exclusion criteria**

Patients presenting with a pseudophakic retinal detachment and a PVR grade C and D

**Date of first enrolment**

01/05/2004

**Date of final enrolment**

30/04/2006

**Locations****Countries of recruitment**

France

**Study participating centre**

Service d'Ophtalmologie

Dijon

France

21000

**Sponsor information****Organisation**

Burgundy Association for Research in Ophthalmology (ABPRO) (France)

**Funder(s)****Funder type**

Hospital/treatment centre

**Funder Name**

University Hospital Dijon (CHU), General Hospital (France)

# Results and Publications

Individual participant data (IPD) sharing plan

**IPD sharing plan summary**

Not provided at time of registration