

# Treatment of psoriasis by pulsed dye lasers: short-term and long-term (4 years) results

<b>Submission date</b> 18/06/2008	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
<b>Registration date</b> 30/09/2008	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
<b>Last Edited</b> 30/09/2008	<b>Condition category</b> Skin and Connective Tissue 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**  
Dr Jean Michel Mazer

**Contact details**  
Centre Laser Treviso  
49 rue de Treviso  
Paris  
France  
75009

## Additional identifiers

**Protocol serial number**  
N/A

## Study information

**Scientific Title**

### Study objectives

Previous studies with pulsed dye lasers showed improvement of chronic plaques of psoriasis and, sometimes, total clearing. This study aims to investigate the efficacy of the pulsed dye laser

treatment on psoriasis plaques by comparing the affected areas that have been treated with the laser against the untreated area within an individual.

### **Ethics approval required**

Old ethics approval format

### **Ethics approval(s)**

The study was approved by the local ethics committee (CCPPRB Paris Saint-Louis) on 21st April 2001 (ref: 2001/13)

### **Study design**

Randomised controlled trial

### **Primary study design**

Interventional

### **Study type(s)**

Treatment

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

Psoriasis

### **Interventions**

Two plaques were investigated in each patient, and for both plaques, 1/4 of the total area was left untreated (control area). The remaining area of both plaques were treated with the pulsed dye laser.

Randomisation: The plaques were divided in four quadrants and, by draw (throwing a four sided dice), one quadrant was chosen as the control area and the other three were treated.

### **Intervention Type**

Other

### **Phase**

Not Specified

### **Primary outcome(s)**

Clinical score at baseline and 6 weeks after the last and third treatment by pulsed dye laser.

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

Adverse effects, followed-up for at least 2 years.

### **Completion date**

02/10/2008

## **Eligibility**

### **Key inclusion criteria**

1. Both males and females, minimum age = 18, no upper age limit
2. Psoriasis: chronic and untreated plaques

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Lower age limit**

18 years

**Sex**

All

**Key exclusion criteria**

1. Pregnant women
2. Minors
3. Patients who had received local treatment during the last month or oral treatment during the last 6 weeks (cyclosporin, retinoids, methotrexate, corticosteroids)

**Date of first enrolment**

02/09/2002

**Date of final enrolment**

02/10/2008

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

France

**Study participating centre**

Centre Laser Treviso

Paris

France

75009

**Sponsor information****Organisation**

Saint Louis Hospital (France)

**ROR**

<https://ror.org/049am9t04>

# Funder(s)

## Funder type

Hospital/treatment centre

## Funder Name

Saint Louis Hospital (France)

# Results and Publications

## Individual participant data (IPD) sharing plan

## IPD sharing plan summary

Not provided at time of registration