

# 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**  
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France  
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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
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

**Secondary study design**

Randomised controlled trial

**Study setting(s)**

Not specified

**Study type(s)**

Treatment

**Participant information sheet****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 measure**

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

### **Secondary outcome measures**

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

### **Overall study start date**

02/09/2002

### **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

### **Age group**

Adult

### **Lower age limit**

18 Years

### **Sex**

Both

### **Target number of participants**

28

### **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)

**Sponsor details**  
c/o Prof L Dubertret  
Department of Dermatology  
Paris  
France  
75010

**Sponsor type**  
Hospital/treatment centre

**Website**  
<http://www.chu-stlouis.fr>

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

## **Funder(s)**

**Funder type**  
Hospital/treatment centre

**Funder Name**  
Saint Louis Hospital (France)

## **Results and Publications**

**Publication and dissemination plan**  
Not provided at time of registration

**Intention to publish date**

## **Individual participant data (IPD) sharing plan**

### **IPD sharing plan summary**

Not provided at time of registration