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

Submission date	Recruitment status	[_] Prospectively registered
18/06/2008	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
30/09/2008	Completed	[_] Results
Last Edited	**Condition category**	[_] Individual participant data
30/09/2008	Skin and Connective Tissue Diseases	[_] Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

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)

Primary study design
Interventional

Study design
Randomised controlled trial

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 Trevise
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