

**Sudan University of Science and Technology
College of Graduate Study**

**Clinical and Laboratory Study of a Photodynamic
therapy and Flash Lamp Pulsed Dye Laser for
Chronic Plaque Psoriasis**

دراسة اكلينيكية ومعملية لفعالية ليزر الصبغة النبضية
والفوتوداينمك في علاج حطاطات الصدفية المزمنة

*A Thesis Submitted to the College of Graduate Studies in Fulfilment of
the Requirements for the Philosophy Degree in Laser Applications in
Dermatology*

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Dedication

TO:

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&

Professor Dr. Nafie *A.Almuslet*

They helped me to establish my goals and showed me how to achieve them through continuous supervision, observation, advices and encouragement.

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Follow Up

Severity score

PSI	Baseline	1 month after last session	2 months after last session	3 months after last session	4 months after last session	5 months after last session	6 months after last session
Plaque A							
Plaque B							
Plaque C							

Histopathology before treatment

Histopathology after treatment

Adverse effects after treatments

Side Effects	FU1 24hours after first treatment	FU2 48hours after first session	Two weeks after first session	two weeks after second session	Two weeks after third session	Two weeks after fourth session	Two weeks after fifth session
Pain or Discomfort							
Swelling							
Purpura							
Crusts							
Blisters							
Erosion							
Scars: Atrophic Hypertrophic							
Hyperpigmentation							
Hypopigmentation							