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The use of dermatoscopy in diagnosis of scabies**Hemn Ahmed Perot**

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Statement of the Problem: Due to difficulties in obtaining skin scrapings from some patients and the lack of sensitivity of classical methods in diagnosis of scabies, dermatoscopy is commonly informative.

The Purpose of the Study: To evaluate the diagnostic accuracy of dermatoscopy for diagnosing scabies.

Methodology & Theoretical Orientation: A cross sectional study was carried out at Dermatology Center of Slemnai from 1st June to end of October 2015 on 202 patients with clinical suspicion of scabies. The patients had confirmed diagnosis by clinical diagnosis, dermatoscopy and skin scrapping.

Findings: Studying validity test of dermatoscopy in comparison to confirmed diagnosis revealed that the sensitivity of dermatoscopy was 91.5%, specificity 65%, and +ve predictive value 86%, -ve predictive value 76.5% and accuracy 83.6%. There was a significant association between positive dermatoscopy results and scabies patients with likely or very likely clinical diagnosis ($p < 0.001$).

Conclusion & Significance: Dermatoscopy is a good screening tool for scabies especially among high risk people.

Recommendations: Encouraging health directorates to start the use of dermatoscopy for screening of scabies, especially among refugees, displaced people and prisoners and the adoption of clinical diagnosis, skin scrapping and dermatoscopy as the diagnostic choice for scabies.

Biography

Hemn Ahmed is an enthusiastic board certified Dermatologist. He searches for studying more degrees, which enables him to develop new skills, while strengthening those that he possesses. He started his vocation in Dermatology and Venereology and wants to get more experience and knowledge and enjoys being part of a successful and productive team. He has years of experience in research, evaluation, teaching and administration both in hospital and education institutions.

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