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**COMPARISON TREATMENTS FOR  
VASCULAR LESIONS WITH THE VBEAM  
AND THE STARLUX IPL**

**Karen H. Kim, Leonard J. Bernstein,  
Anne Chapas, and Roy G. Geronemus**

*Laser and Skin Surgery Center of New York, New York, NY*

**Background:** Facial erythema is a common condition that afflicts millions of people. Pulsed dye lasers are commonly used for the treatment of vascular lesions and yield good results. The Starlux Pulsed Light System is a new generation of pulsed light systems for vascular lesions with minimal recovery and no purpura.

**Materials and Methods:** Ten subjects with bilateral facial telangiectases and erythema were treated with the Vbeam PDL and the Starlux Pulsed Light System. One side of the face was treated with the Vbeam and the contralateral side of the face was treated with the Starlux Pulsed Light System using the G hand piece. Three treatments were performed at four week intervals. Patients were followed at 4, 8, and 12 weeks after the last treatment. Digital photography, investigator and subject assessments were recorded at each visit. Objective assessment with a spectrophotometer was also performed at each visit.

**Results:** There was comparable reduction in erythema and telangiectasia on the Vbeam and Starlux treatment sites. Spectrophotometer readings correlated with clinical findings.

**Conclusion:** The Starlux Pulsed Light System is a safe and effective treatment method for facial telangiectasia and erythema, with results indistinguishable from that of Vbeam PDL. Subjective and objective assessments yielded similar reduction on the Vbeam and Starlux treatment sites.