

Successful radiosurgical treatment of (Koenen's) tumours in tuberous sclerosis cerebri



dr Miodrag MILOJEVIĆ
profesor dermatologije



dr Igor JEREMIĆ
specijalista ginekologije i
akušerstva
licencirani instruktor
radiolazne hirurgije

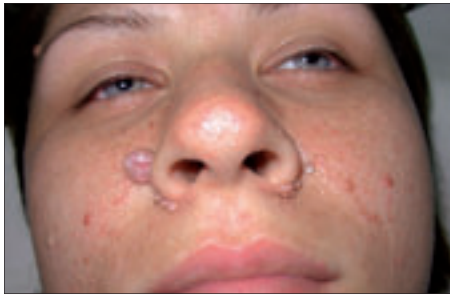
A 26-year-old woman presented with multiple skin colored or redish dome shaped facial angiofibromas that had been increasing in number over the past 18 years. By the age of ten, periungual fibromas gradually appeared, while at the age of twelve the facial lesions became so prominent and distressing for the patient that it eventually necessitated adolescent

psychiatric input. Several scattered chagrin patches and soft fibromas have also been noted and in accordance with other clinical (seizures) and paraclinical data (MRI) consistent with the diagnosis of tuberous sclerosis cerebri. Considering the advantages of radio wave surgery, periungual fibromas (Koenen's tumors), facial angiofibromas and soft fibromas of the

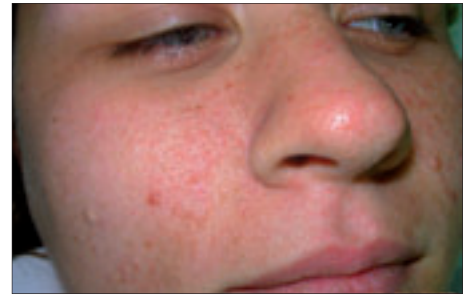
trunk have been successfully removed with Ellman's Surgitron High RF source at 4.0 MHz with no scarring or relapses during the 15 months follow up period. To the best of our knowledge this is the first attempt of this sort of treatment for these specific tumors by means of radiosurgery, and much more importantly it was a successful one.



Angiofibroma on the face



Angiofibroma on the face



Three weeks after treatment



Three weeks after treatment



Hiperpigmented patch with scattered hypopigmented macules above elbow



"Ash-leaf" patch



Könen's tumors around toenails



Könen's tumors around toenails



Three minute after treatment



Three minute after treatment



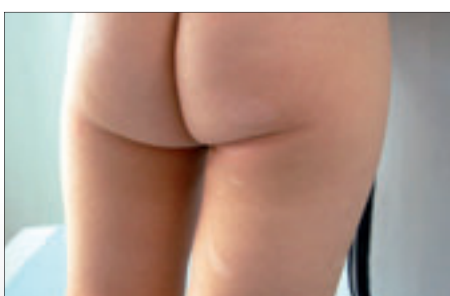
Soft fibroma on the breast



Ten seconds after treatment



Three years old son with achromic, "ash-leaf" patches on the extremities.



Three years old son with achromic, "ash-leaf" patches on the extremities.

