Acne in Apert syndrome is usually refractory to both topical and oral antibiotics. A single paper has described the effectiveness of three-phase contraceptives [4]. Several authors consider isotretinoin as the treatment of choice for acne in these patients [2, 5]; the drug has also been reported to clear early acne in a 7-year-old child [5]. We report this case both because of the rare nature of the syndrome and to confirm that retinoids appear to be the most effective treatment in these patients, through attenuation of the FGFR2 pathway and regulation of the signal transduction involved in lipogenesis and in cell differentiation and proliferation [3].


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Modified shark island flap for combined nasal ala-perialar defects

Although there is an increased public awareness and improved access to dermatologists, non-melanoma skin cancer continues to show increasing prevalence [1, 2]. Head and neck are the preferential locations [3] and reconstruction of the nasal ala-perialar skin constitutes a challenge for dermatologic surgeons in order not to blunt the alar facial sulcus [4, 5]. Trying to resolve this issue, Cvancara and Wentzell [6] recently described the shark island pedicle flap, a myocutaneous flap developed for specific combined nasal ala-perialar defects. The authors decided to use a variation of this flap, with exclusively subcutaneous random pattern vascularity, in the combined nasal ala-perialar defects of 2 patients. Patient A, a 74 year-old female, presented with a basal cell carcinoma (BCC) of three years’ evolution involving the concave intersection of the lateral nasal ala, nasal sidewall and cheek. After surgical removal, a 2.0 x 1.0 cm...
defect was created. The width of the nasal ala portion of the defect was measured from the original location of the lateral alar sulcus to the medial edge of the wound. This area become the width of the “shark’s snout”. After careful undermining at the subcutaneous level, the back of the “shark” was pulled supero-medially into position and the 90° rotation of the superior arm forced the alar portion of the flap to spontaneously tilt into a position perpendicular to the melolabial portion of the flap. The flap automatically creases, recreating the sulcus.

Patient B, a 75 year-old male, presented with a two year BCC, also involving the concave intersection of the lateral nasal ala, nasal sidewall and cheek. After surgical removal a 1.0 × 1.0 cm defect was created. Owing to the smaller size of the defect, the “shark’s snout” and the “shark” island pedicle were developed from immediately surrounding skin. The back of the “shark” was pulled medially into position and the 45° rotation of the superior arm was enough to recreate the sulcus. In both patients, after a 3 month follow-up period, no necrosis or other complications were noted and maintenance of the ala-perialar sulcus was observed (figure 1).

The Cvancara and Wentzell [5] myocutaneous shark island pedicle flap, depends on careful undermining beneath the muscle, preserving the deep myocutaneous vascular pedicle derived from the levator labii superioris. In the present study, the authors decided to use a modification of this flap, with the same anatomical and trigonometric principles but with exclusively subcutaneous random pattern vascularity. The execution of the flap is uniformly reproducible and allows variations, depending on the defect size. It is a reliable one stage repair of this cosmetically and functionally sensitive anatomic area, but is especially useful for more superficial defects. The exclusively random subcutaneous blood supply was enough to maintain the flap viability, with undermining being performed beneath the subcutaneous fat to achieve flap movement. The advancement and rotation is the basis of the flap movement, which spontaneously recreates and sharply defines the lateral ala and the alar facial sulcus. We consider it a value alternative, because of its simplicity and flexibility, constituting one more useful and reproducible option for single-stage closure of these defects. ■


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Congenital erythropoietic porphyria and Parkinson’s disease: clinical association in a patient with a long-term follow-up

Congenital erythropoietic porphyria (CEP) is a rare autosomal recessive disorder due to a deficiency of uroporphyrinogen III synthase. Manifestations of CEP include severe photosensitivity, leading to blisters, scarring and mutilations, haemolytic anaemia, erythrodontia and ocular and skeletal involvement. In contrast to other porphyrias, neurological engagement has not been previously reported. The overall life expectancy is shortened in the most severe cases due to haematological complications and increased risks of infection [1].

We present a male patient with CEP, with a long follow-up, who developed Parkinson’s disease (PD) decades later. He presented with photosensitivity and dark urine at the age of 5 months. His clinical, biochemical, enzymatic and genetic characteristics were consistent with CEP [2]. Clinical manifestations and porphyrin concentrations had been stable in the last years (mean total porphyrins in urine: 670 nmol/mmol creatinine). In May 2010, aged 49, he presented with tremor and slowness of movement. Neurological examination revealed intentional and postural tremor, rigidity and bradykinesia, predominantly in his