

## BOOK REVIEW

# A Colour Atlas of Orofacial Health and Disease in Children and Adolescents: Diagnosis and Management

Crispian Scully, Richard Welbury, Catherine Flaitz, & Oslei Paes de Almeida; 2nd edn; ISBN 1-84184-102-1; Martin Dunitz; 2002; Price £80

This is the second edition of an Atlas intended not only for general dental practitioners and specialist paediatric dentists, but also for a wide variety of other health care professionals, such as paediatricians, dermatologists and oncologists, who may need to treat children and adolescents with orofacial and dental problems. With the help of two additional authors, Prof. Catherine Flaitz and Prof. Oslei Paes de Almeida, it has been greatly enlarged and updated.

It begins by illustrating normal variations of the healthy mouth and orofacial features, with expanded sections on teething, eruption times and bone. The section on mucosa now includes information on the specialized mucosa, sebaceous glands and leucoedema. A useful addition relates to the sensory and motor nerve supply to the orofacial region and the mechanism of taste sensation, which is rarely covered in other textbooks.

In the first edition, the disorders and diseases were each clearly but briefly described. This has now been significantly enhanced by the addition of some information on the method of diagnosis, which may be used, and management of the condition.

The new edition also includes useful sections on the treatment options for a number of common orofacial infections and disorders found in children and adolescents, particularly the medically compromised. For example, options for the management of aphthae, chapped lips, herpes, acute candidosis and salivary gland disorders are clearly laid out and fully discussed.

Chapters on congenital and heritable disorders are followed by those on acquired disorders with the more common complaints presented first. The conditions are then listed in alphabetical order. The chapters on congenital and heritable disorders are divided into those with sole or prominent orofacial involvement and those with lesser orofacial involvement. The sections on acquired disease and disorders include those affecting

the teeth, gingival and periodontal diseases, mucosal, salivary gland and musculoskeletal disorders. Minor problems occur with this classification, in that some disorders, which should be considered to be of genetic origin, such as hypodontia, hyperdontia, odontomes, prominent tubercles and cusps, macrodontia, and taurodontism, are illustrated and described in the chapters on acquired conditions.

There is an entirely new chapter on pain and neurological conditions, an important subject seldom covered in textbooks on children and adolescents. A very helpful table on the differential diagnosis of orofacial pain is included. The final chapter demonstrates orofacial lesions occurring in children with major underlying medical conditions, a valuable topic for both medical and dental professionals.

The Atlas is illustrated throughout with excellent photographs, though it was puzzling to find that the images of conditions such as Apert's syndrome, Chondro-ectodermal dysplasia, Ectodermal dysplasia, Goldenhar's syndrome, Osteogenesis imperfecta, Soto's syndrome, Williams syndrome, African Burkitt's Lymphoma and the radiograph of dilaceration are mirror images of those in the first edition. The shading used to prevent identification of patients on some photographs has masked important features of their disorders. For example, the eyes of the children with Crouzon's Syndrome (Fig.112) and Down's Syndrome (Fig. 478) are obscured, so that important diagnostic signs cannot be seen. These features were visible in the photographs of the same children in the first edition.

Nevertheless, this Atlas will be of significant interest and value for reference to health professionals treating children and adolescents in both the dental and the medical professions.

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