DYSMORPHOLOGY IN PRACTICE

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Abstract

Prenatal ultrasonographers and neonatologists are critical for the early recognition of teratogenic impacts. It is self-evident that the recognition of dysmorphic signs (DYSM) are signals that often accelerate clinical diagnoses and play a significant role in efforts to elucidate teratogenic, genetic and epigenetic causes and mechanisms. However, current medical school curricula and postgraduate education programs rarely offer sufficient visual exposure illustrative of DYSM in clinical perspectives. To address this issue, we developed an Internet resource, “Clinical Eye Openers” (CEO) - http://ceo.medword.net/. The CEO central goal is to present provocative images illustrative of DYSM and their significance. Concurrently, clinical image galleries, videos, as well as English medical terminology, humanities, fine art images and other elements likely to enhance memorization, are presented and can be explored in depth in a companion website “Pandora Word Box” - http://www.pandorawordbox.com/. Diagnosis and clinical managements are not among the goals of CEO. The design insures access through “smart-telephones” and other portable electronic display devices. Provocative images are posted at least weekly in a framework of “what do you see?” along with perspectives contributed by a variety of experts. CEO includes video-tutorials and reviews by eminent experts. Initial CEO assessments were by clinical geneticists, CEOs elements likely to enhance memorization, are presented and their ability to translate them into clinical signals. The images are selected from contributions by experienced clinical geneticists. The editor is Professor Dr. Wladimir Wertelecki, a Pediatrician and Clinical Geneticist.

About CEO

CEO project was initiated by OMNI-Net International Charitable Fund and MedWord LLC. The CEO editor is Dr. W. Wertelecki, M.D., who is a Pediatrician and Medical Geneticist.

Our policies uphold published standards of quality assurance namely explicit credits to authors, sources, dates/updates, completeness and accuracy of contents, among other criteria. The emphasis is international. We actively promote inclusion of sources “not-in-English” and encourage such submissions for potential posting.

WHY

To promote “open eyes” – clinical skills to note signs and understand which are signals of clinical relevance.

WHO

Show provocative illustrations (images and videos) to “open eyes” of clinicians and their ability to translate them into clinical signals.

WHAT

The images are selected from contributions by experienced clinical geneticists. The editor is Professor Dr. Wladimir Wertelecki, a Pediatrician and Clinical Geneticists (search YouTube).

WHEN

Ongoing – generally, postings appear weekly. Frequent postings of provocative images and videos illustrating developmental landmarks and dysmorphic signs followed by interpretations of signs as signals. Concurrent emphasis on “Medical English”. Postings may consist of single or series of images (galleries), as well as video recordings. Some modules include interpretation of signs as signals and clusters of signals as syndromes. Larger modules may include hypotheses of pathogenesis, etiology and diagnosis.

NOT

CEO is NOT a source of information concerning syndromes, diagnosis or medical management. The aim of CEO is to emphasize provocative images and corresponding medical terminology. Occasionally mention is made of pathogenesis, etiology, diagnosis, prognosis, and treatments with the purpose of enhancing memorization and demonstration of relevance.

Presentations

Illuminations

For more information, please visit: http://ceo.medword.net/