P243. Hormonal disorders among Adolescents

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Introduction

Menstrual irregularities are common in puberty and adolescence during the development of ovarian function and until a regular ovulatory cycle is established. Hormonal disorders should be investigated promptly to avoid or alleviate possible long-term sequelae, including impaired fertility. Most irregularities are transient and self-limited, but some are severe or prolonged and require exploration and treatment. The purpose of this article was to examine the role of community health centers (CHCs) in providing comprehensive family planning services to adolescents suffering from hormonal disorders and to identify the main symptoms of hormonal disorders

Matériel et Méthodes

retrospective study about 6 cases of hormonal disorders among adolescents reffered to our service by CHCs

Résultats

6cases were identified Mean Symptoms were: prolonged oligomenorrhea andoligoamenorrhea ,obesity ,hirsutism ,acne. An exact diagnosis by estimation of the hormonal parameters was demanded for all patients. Main etiologies were: Hyper-androgenemic oligoamenorrhea, especially the polycystic ovarian syndrome in 4 cases, hypothalamic origin in one case, pituitary lesion in one case. Patients were treated in a multi disciplinary approach (endocrinologist, nutritionist and gynecologist) with good final results on quality of life, menstrual cycles and fertility within 1 patient.

Conclusion

CHCs have the opportunity to play a significant role in providing high-quality family planning to low-income, medically underserved adolescents. Additional funding, resources, and a favorable policy climate would further improve CHCs' ability to serve the family planning needs of this special patient population.

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