

1. Record Nr.	UNINA9910522940003321
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Titolo	Androgenetic Alopecia From A to Z [[electronic resource]] : Vol.1 Basic Science, Diagnosis, Etiology, and Related Disorders // by Konstantinos Anastassakis
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783030761110 9783030761103
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (351 pages)
Disciplina	616.546
Soggetti	Dermatology Surgery, Plastic Endocrinology Plastic Surgery Alopècia Cuir cabellut Envelliment Endocrinologia Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Foreword -- Preface -- Part I. The hair follicle biology and life.-1. Hair through the Ages.-2. The mission of hair follicles and hair.-3. Embryogenesis of the pilosebaceous unit.-4. Morphology and histology of the pilosebaceous unit.-5. The life cycle of the hair follicle.-6. The morphology and structure of the hair shaft.-7. Types of hair follicles in humans.-8. The effects of aging on the hair follicle.-Part II.Diagnosis of Androgenetic Alopecia.-9. Hair growth assessment techniques in AGA/FPHL.-10. Diagnostic Steps in the Evaluation of AGA/FPHL.-Part III.Causes and aetiologic parameters of AGA/FPHL.-11. Hormonal and Genetic etiology of Androgenetic Alopecia.-12. Female pattern hair loss.-13. AGA in children and adolescents.-14. Hair follicle microinflammation in AGA.-15. The role of the sebaceous gland in

AGA.-16. The role of scalp vascularization in AGA.-17. The role of biochemical stress in AGA.-18. The role of solar radiation and AGA.-19. Other hormones related to AGA.-20. The psychological effects of AGA/FPHL.-Part IV. AGA/FPHL and comorbidities.-21. Cardiovascular disease, Insulin Resistance, Metabolic Syndrome, and AGA/FPHL.-22. Prostatic disorders and AGA.

Sommario/riassunto

This reference volume conveys complete understanding and management of Androgenetic Alopecia and Female Pattern Hair Loss (AGA/FPHL). These are probably the most common adult (18-50 yrs.) health disorders besides dental caries, accounting for over 98% of hair loss cases in males and over 70% cases in females. The present volume, the first of three related volumes, is structured in 4 sections: 22 dedicated chapters, ranging from basic science (Biology, Anatomy, Physiology, Embryology), the etiology of adult, childhood & adolescent AGA/FPHL, diagnostic steps and evaluation, to related disorders and comorbidities. For the first time in the scientific literature, all pathogenic contributors of AGA/FPHL, including micro-inflammation, scalp vascularization, biochemical stress, aging, solar radiation, and the sebaceous gland, are examined in comprehensive, dedicated chapters. The effects of every hormone on AGA/FPHL, as well as the psychological impact of the condition, are explored in depth. An extensive chapter on childhood and adolescent AGA/FPHL, a more common than previously thought condition, is another unique feature. Finally, two extremely detailed sections are included on the pathogenic links of AGA/FPHL to life-threatening comorbidities: cardiovascular disease, metabolic syndrome, hypertension, insulin resistance, and prostatic disorders, with suggested guidelines on how to save lives of balding patients by adopting early screening strategies. In providing a fully updated, thorough guide to this popular topic, this richly illustrated volume (over 200 figures, tables, and algorithms) offers the latest, evidence-based information on every aspect of AGA/FPHL causing hair loss to countless patients. Each subject is addressed according to learning and clinical needs, and the presented information is supported by a wealth of peer-reviewed papers. Every aspect of this condition is considered, including biology, diagnosis, etiology, from drug treatment, the influence of nutrition, lifestyle and food supplements, to related disorders, surgical hair restoration, hair care, and future treatment options. This handbook will be an invaluable conveying best management standards to readers, whether experienced practitioners, clinicians, dermatologists, surgeons or researchers interested in hair restoration.
