

1. Record Nr.	UNINA9910300162403321
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Titolo	Acrodermatitis Enteropathica : A Clinician's Guide / / by Pooya Khan Mohammad Beigi, Emanuel Maverakis
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-17819-9
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (165 p.)
Disciplina	610
Soggetti	Dermatology Pediatrics Obstetrics Obstetrics/Perinatology/Midwifery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. History of Acrodermatitis Enteropathica -- 2. Epidemiology and Etiology -- 2.1. Epidemiology -- 2.2. Etiology -- 2.2.1. Molecular Etiology of AE -- 2.2.2. Hypothetical Etiology 1: the Alteration of Zinc Bioavailability -- 2.2.3. Hypothetical Etiology 2: a Defective Zinc Transporter -- 2.2.4. Alternative Forms of AE-like Zinc Deficiencies -- 3. Analysis of Disorder -- 3.1. Clinical Forms of AE -- 3.2. Nomenclature of Zinc Deficiencies -- 3.3. Acquired Non-hereditary Zinc Deficiency -- 3.3.1. Zinc Deficient Maternal Breast Milk -- 3.3.2. Zinc Deficient Caused by Metabolism Disorders -- 4. Clinical Symptoms -- 5. Diagnosis -- 5.1. Laboratory Diagnosis of Zinc Deficiency -- 5.2. Histopathology -- 5.3. Biological Diagnosis of AE -- 5.4. Clinical Diagnosis -- 5.5. Molecular Diagnosis -- 5.6. Differential Diagnosis -- 6. Disease Course and Treatment -- 6.1. Treatment -- 7. The Role of Zinc in Different Body Systems -- 7.1. Biochemistry of Zinc Metabolism -- 7.2. Skin and Hair Physiology -- 7.3. Gastrointestinal System and Other Organs -- 7.4. Neurological Development, Growth, and Mental Status -- 7.5. Enzymes -- 7.6. Endocrine System -- 7.7. Metabolism of Nucleic Acids -- 7.8. Mitosis and Meiosis Cycles -- 7.9. Cell Membranes -- 7.10. Synthesis of Proteins and Collagen -- 7.11. Immune System -- 8. History of AE in Adults -- 9. Iranian Hospital

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Sommario/riassunto

Written by and for dermatologists, pediatric and obstetrics specialists. This book presents the groundbreaking work of Dr. Pooya Khan Mohammad Beigi M.D., whose clinical research study on Acrodermatitis Enteropathica (AE) is the largest ever conducted on this rare disorder. The only book of its kind to offer insights into AE, it not only includes dozens of high quality photographs, illustrations, and clinical tables, but also covers everything from the history of AE to categories of the disorder, molecular analysis, epidemiology, disorder signs and symptoms, diagnosis, treatment, and more. Acrodermatitis Enteropathica is a rare disorder of zinc metabolism that occurs in one of two forms: inborn and acquired. If untreated, this disease is fatal and affected individuals may die within just a few years. Therefore, it is critical that physicians are aware of the signs and symptoms related to AE and the appropriate treatments available for patients.