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# The Principles and Practice of Medical Genetics

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This major work provides a complete summary of the field of medical genetics from basic principles to preventative and therapeutic measures.

Over 100 international experts from the USA, UK, Scandinavia, West Germany, France, South Africa, Israel, Australia, New Zealand, Greece, Belgium and Canada contribute to the text, reflecting their personal experience and expertise in the many areas they cover.

*No other book is so comprehensive and has such emphasis on the clinical applications of genetics.*

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Introduction. Nature and incidence of genetic disease ● Gene structure and function in eukaryotic organisms ● Molecular biology in relation to medical genetics ● Mutation in man ● Chromosomal basis of inheritance ● Unifactorial inheritance ● Segregation analysis ● Population genetics (Hardy-Weinberg equilibrium and factors affecting it) ● Gene mapping ● Multifactorial inheritance ● Twins ● Teratogenic agents ● A clinical approach to the dysmorphic child

### Section Two: Chromosome Disorders

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### Section Three: System Disorders (Main headings only)

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## FROM THE FOREWORD:

'... a landmark, a milestone in the development of human genetics as a clinical discipline in the last quarter century.'

Victor A. McKusick MD

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