This book is a comprehensive description of human physical growth and development (Auxology) with contributions by 56 internationally reputed experts.

The entire spectrum of basic and advanced information on growth tracking, growth prediction, short-term-, catch-up- and rapid growth, nutritional and social factors influencing human growth, and issues related to preventive health care, growth in ethnic minorities and migrants, and growth in developing countries is presented.

The text is generously illustrated (283 color figures and 89 comprehensive tables). It also introduces new mathematical approaches to growth modelling and provides practical information on how to use and to interpret growth charts. National references (US, ARG, BRA, CAN, IND, BEL, GER, IT, NL, PL, SW, SWI, TUR, UK, WHO) for height, weight and body mass index and head circumference for various countries are given as well as growth references for twins, preterm infants and syndrome specific growth charts for clinical purposes. The book for the first time also contains references for height SDS changes, the modern alternative to traditional growth velocity charts.

The book is of greatest interest to all pediatricians, to medical students and students of human biology, health workers, nutritionists, medical staff and professionals interested in child and adolescent growth and development.
AUXOLOGY – Studying Human Growth and Development

Contributors

Ghada M. Anwar, Cairo, Egypt
Christian Altmann, Bamberg, Germany
Pavel Blaha, Prague, Czech Republic
Barry Bogin, Leicestershire, UK
Jesper L. Bolde, Odense, Denmark
Walter Bonif, München, Germany
Marek Brabc, Praha, Czech Republic
Fanny Breitman, Buenos Aires, Argentina
Stef van Buuren, Leiden, The Netherlands
Silvia Cairo, Buenos Aires, Argentina
Noel Cameron, Leicester-shire, UK
Tim Cole, London, UK
Mortada El Shabrawi, Cairo, Egypt
Mona El Houseini, Cairo, Egypt
Miranda Fredriks, Leiden, The Netherlands
Elena Godina, Moscow, Russia
Petra Golja, Ljubljana, Slovenia
Carl Martin Greve, Berlin-Dahlem, Germany
Komei Hattori, Ibaraki University, Japan
Klaus-Peter Herm, Bad Oeynhausen, Germany
Michael Hermanussen, Altenhof, Germany
Reinhard Holl, Ulm, Germany
Eilin Jopp, Hamburg, Germany
Maria Kaczmarek, Poznan, Poland
Magdalena Krzyczka, Poznan, Poland
Diana Mabel Kelmansky, Buenos Aires, Argentina
Andreas Kersting, Bamberg, Germany
Sylvia Kirchengast, Vienna, Austria
Katja Zdear Kotnik, Ljubljana, Slovenia
Hans Lamecker, Berlin-Dahlem, Germany
Andreas Lehmann, Luckenwalde, Germany
Horacio Lejarraga, Buenos Aires, Argentina
Leslie Sue Lieberman, Oviedo, USA
Matthew McIntyre, Orlando, USA
Jürgen Meier, München, Germany
Christoph Meigen, Bonn, Germany
Rebekka Mumm, Friedland, Germany
Christina Papageorgopoulou, Komotini, Greece
Tilmann R. Rohrer, Homburg/Saar, Germany
Frank J. Rühl, Zurich, Switzerland

Emad Salama, Cairo, Egypt
Takashi Satake, Matsudo, Chiba, Japan
Christiane Scheffler, Potsdam, Germany
Mithun Siddar, Udaipur, Rajasthan, India
Kasper Staub, Zurich, Switzerland
Hans Henrik Thodberg, Holte, Denmark
Jesus Angel Fernandez-Tresguerres, Madrid, Spain
Janina Tutkusiene, Vilnius, Lithuania
Stanley Ulijaszek, Oxford, UK
Maria Inês Varela-Silva, Leicestershire, UK
Jerry K.H. Wales, Sheffield, UK
Ulrich Wolke, Zurich, Switzerland
Cherie L. Yestrebsky, Orlando, USA
Siegfried Zabransky, Homburg/Saar, Germany
Stefan Zachow, Berlin-Dahlem, Germany
Elzbieta Zadzinsk, Lodz, Poland

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### Syndrome Specific Growth Charts

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<th>Height (SDS)</th>
<th>Birth Weight (g)</th>
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### Timing Puberty by Stage Line Diagram

![Stage Line Diagram](image)

### Biological Age

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