

1. Record Nr.	UNINA9910457748603321
Autore	Hillman Ken
Titolo	Clinical intensive care and acute medicine / / Ken Hillman, Gillian Bishop [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2004
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Edizione	[Second edition.]
Descrizione fisica	1 online resource (xvi, 685 pages) : digital, PDF file(s)
Disciplina	616.02/8
Soggetti	Critical care medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Half-title; Title; Copyright; Contents; Troubleshooting tips; Preface to the first edition; Preface to the second edition; Acknowledgements; 1 A systematic approach to caring for the seriously ill; 2 Organisation of an intensive care unit; 3 Routine care of the seriously ill; 4 Fluid therapy and electrolytes; 5 Nutrition and metabolism; 6 Acid-base balance; 7 Sedation, analgesia and muscle relaxants; 8 Shock and anaphylaxis; 9 Multiorgan failure; 10 Cardiopulmonary resuscitation; 11 Body temperature disorders; 12 Transport of the seriously ill; 13 Infection; 14 Trauma; 15 Poisoning; 16 Acute respiratory failure; 17 Interpretation of the portable chest film; 18 Specific respiratory problems; 19 Ventilatory techniques; 20 Cardiorespiratory monitoring; 21 Acute cardiovascular failure; 22 Specific cardiovascular problems; 23 Acute intracranial disasters; 24 Specific intracranial problems; 25 Critical care neurology; 26 Acute renal failure; 27 Critical care gastroenterology; 28 Critical care

haematology; 29 Critical care endocrinology; 30 Obstetric emergencies; 31 Economics, outcome and ethics in intensive care; Appendix 1. SI units; Appendix 2. Normal biochemical values Appendix 3. Normal haematology values Appendix 4. Normal urine values; Appendix 5. Normal CSF values; Appendix 6. Respiratory physiology and blood gases; Appendix 7. Cardiorespiratory abbreviations; Appendix 8. Toxicology; Index

Sommario/riassunto

This new edition provides an accessible account of the essentials of intensive care medicine. The core of the book focuses on areas common to all critically ill patients including fluid therapy, sedation, shock, infection and other central topics. This key understanding of basic pathophysiological principles provides an excellent launch pad for the section on individual disease entities encompassing haematology, gastroenterology, nephrology, endocrinology, the respiratory system, cardiovascular pathology, poisoning and neurology. Economic and ethical issues are also covered, and the text is supported by numerous problem-oriented guidelines to help the care provider tackle real-life practical problems as encountered in the ICU. In the same spirit, wherever possible, the authors provide precise and meaningful advice, rather than bland generalisations. This new edition reflects the excitement, challenges and uniqueness of intensive care medicine, for the benefit of all residents, trainees, nursing staff and paramedics attached to the ICU.

2. Record Nr.	UNINA9910964054403321
Titolo	Biological clocks : effects on behavior, health, and outlook / / Oktav Salvenmoser and Brigitta Meklau, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2010
ISBN	1-61209-861-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (223 p.)
Collana	Public Health in the 21st Century
Altri autori (Persone)	SalvenmoserOktav MeklauBrigitta
Disciplina	612/.022
Soggetti	Biological rhythms Circadian rhythms
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	The human biological clock : from genes to chronotherapy / Michel A. Hofman -- Photosensitivity : a disregarded attribute to analyze "photoperiodic clocks" / Hubert R. Spieth and Katharina Straus -- Respiration rhythmic and quality of sleep to the total wellness and development of a child / Jong Yong Abdiel Foo, Stephen James Wilson -- Circadian sleep-wake rhythms in preterm infants / Ronny Geva and Ruth Feldman -- Interactions between the circadian and the immune system : a framework for the understanding of disease / Natalia Paladino ... [et al.] -- Chronoecology of neotropical primates : the spider monkey <i>Ateles Geoffroyi</i> / Jairo Munoz-Delgado and Maria Corsi-Cabrera -- On clocks, chaos, and cancer : a biodynamic approach to cancer / Federico Cardona -- Klepsydraic model of internal time representation : experimental findings and analytical properties / Jiri Wackermann.
Sommario/riassunto	The emerging discipline denominated "chronoecology of behavior" is the result of the interaction between the work of behavioral ecologists and chronobiologists - those who explain biological rhythms on the basis of experimental studies carried out in the laboratory. Since the beginning of this century, this interaction has generated interest in understanding how biological rhythms behave in organisms living in their natural habitat. This approach requires field studies of

rest/activity rhythms in order to obtain detailed hour/hour and day/day information about the possible effects of the modulation of certain environmental variables, such as photoperiod, temperature and the lunar sky, which may synchronize and/or mask behavioral activity. This book looks at the behavioral variations in non-human primates and *Homo sapiens* to find out how the circadian rhythm modulates behavior and in what way social interaction influences the rhythms of circadian activity. This book also analyzes the interaction between the circadian and immune systems, and explores the signal transduction pathways which could participate in this dialogue. The precise knowledge of this interaction might be extremely useful for the understanding of diseases development such as cancer. Other chapters in this book assess the quality of sleep in children and how it affects the rhythmical functions of the body. The comprehensive coverage of this topic is presented together with a general perspective from a child, caregiver and healthcare provider.
