Explains the principles of technique and interpretation of recordings and
discusses the techniques of data management, and 'trending' central to
long-term monitoring

As the population ages, technology improves, intensive care medicine expands and
neurocritical care advances, the use of EEG monitoring in the critically ill is
becoming increasingly important.

This atlas is a comprehensive yet accessible introduction to the uses of EEG
monitoring in the critical care setting. It includes basic EEG patterns seen in
encephalopathy, both specific and non-specific, nonconvulsive seizures, periodic
EEG patterns, and controversial patterns on the ictal–interictal continuum.
Confusing artefacts, including ones that mimic seizures, are shown and explained,
and the new standardized nomenclature for these patterns is included.

This book demonstrates applications in multi-modal monitoring, correlating with
new techniques such as microdialysis, and features superb illustrations of
commonly observed neurologic events, including seizures, hemorrhagic stroke and
ischaemia.

This atlas is written for practitioners, fellows and residents in critical care
medicine, neurology, epilepsy and clinical neurophysiology, and is essential
reading for anyone getting involved in EEG monitoring in the intensive care unit.

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