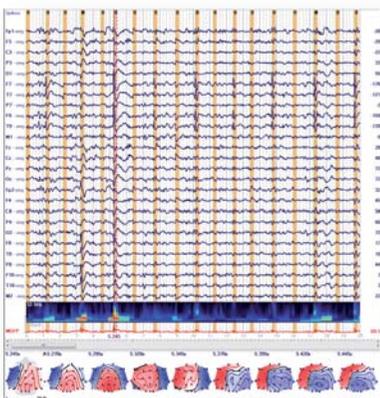


**CURRY SCAN 7 Neuroimaging Suite –
 The ideal software platform for combining and processing
 datasets obtained from a patient during an Epilepsy evaluation.**

CURRY is an ideal software platform for combining and processing the various datasets that are obtained from a patient during an Epilepsy evaluation. CURRY combines multiple data sets (EEG, ECoG, MEG, MRI, fMRI, CT, DTI, and PET) to ensure the maximum information from the patients complete data set is utilized in making critical decisions.

CURRY uses a new interface, complete with **automated workflow**, **data processing macros** and **import wizards** to ensure the software is easy to work with. CURRY highlights for clinical applications are listed below.



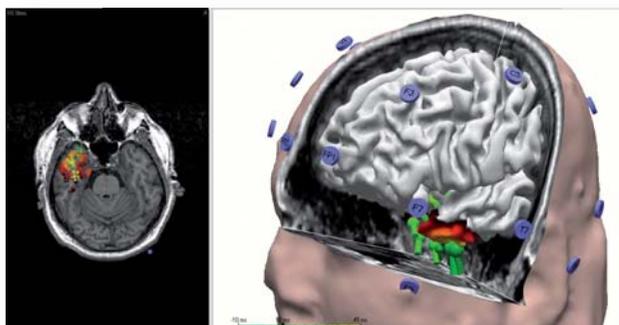
Highlights for clinical applications

File Format and Compatibility

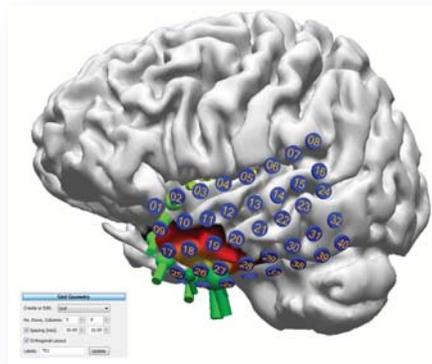
CURRY seamlessly reads EEG data recorded from Compumedics and Neuroscan systems. CURRY will also import EEG data from; EDF, ASCII, EGI, Micromed, Nicolet, Nihon Kohden, Persyst, Stellate, and XLTEK. CURRY will read MEG data from Elekta Neuromag, BTI, CTF, and Yokogawa.

EEG Data Analysis and Mapping

CURRY has advanced analysis for surface recordings, including spike identification and averaging and subsequent source analysis. CURRY will also generate 2D and 3D topographic maps, based in individual anatomy obtained from the MRI.



See More and Do More



Grid and Strip Planning and Visualization

Advanced modules within CURRY allow for grid and strip placement planning on a 3D rendering of the individual cortex including source results obtained from surface EEG. Grid and strip placement can later be identified and confirmed by a post-op CT.

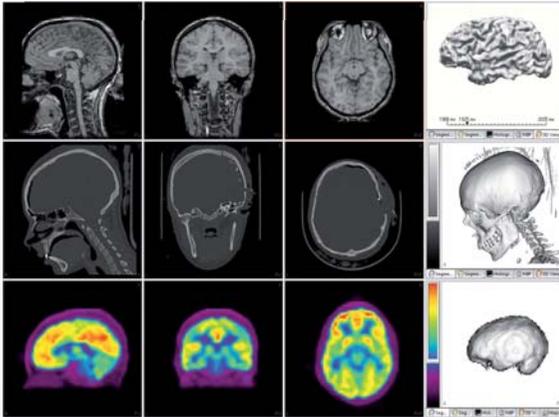
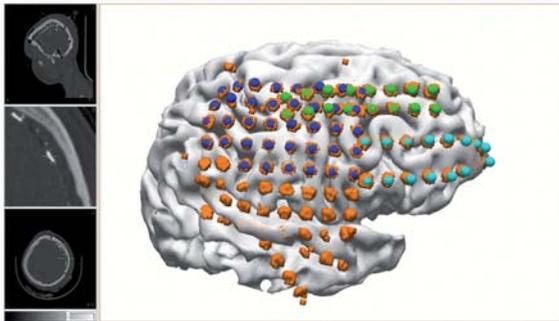


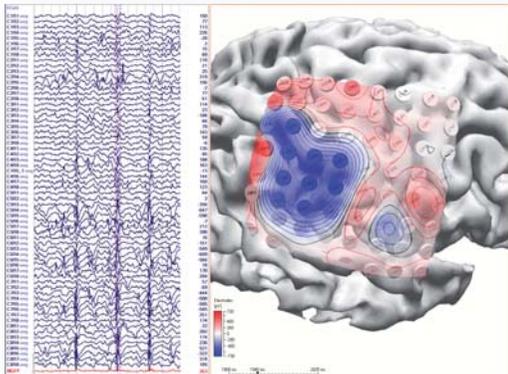
Image Co-registration

One of the most powerful features of CURRY is its ability to merge multiple image datasets and allow critical features to be superimposed for optimal utility. For instance electrode positions obtained from the CT, can be superimposed on the MRI for validation of location accuracy. Similarly PET or fMRI activation can be superimposed on MRI to assist in determining areas of activation.



Grid and Strip Electrode locations

Based on the co-registered post-op CT images, the exact electrode coordinates are identified. Later, these will be used to map ECoG data, conduct source analysis and identify area of spike onset.



Functional Data Expressed in an Anatomical Context

CURRY provides for the functional data recorded as surface EEG or ECoG to be mapped onto the cortical surface of the rendered cortex. This expression of the recorded functional data provides a clear picture of the activation patterns and area involvement derived from the recorded data.

www.neuroscan.com



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