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Lead Placement EASI Dower Transformation

National Cancer Institute

Source

National Cancer Institute. *Lead Placement EASI Dower Transformation*. NCI Thesaurus. Code C71123.

An electrocardiogram (ECG) lead placement whereby 4 chest electrodes and 1 reference electrode are used to allow for continuous monitoring at the clinical level. This placement creates a 12 lead ECG that allows the acquisition of simultaneous events in the frontal, horizontal and sagittal heart planes with the linear transformation of vectors. This system provides a three-dimensional portrayal of the heart and uses mathematical and fixed coefficients for each lead.