



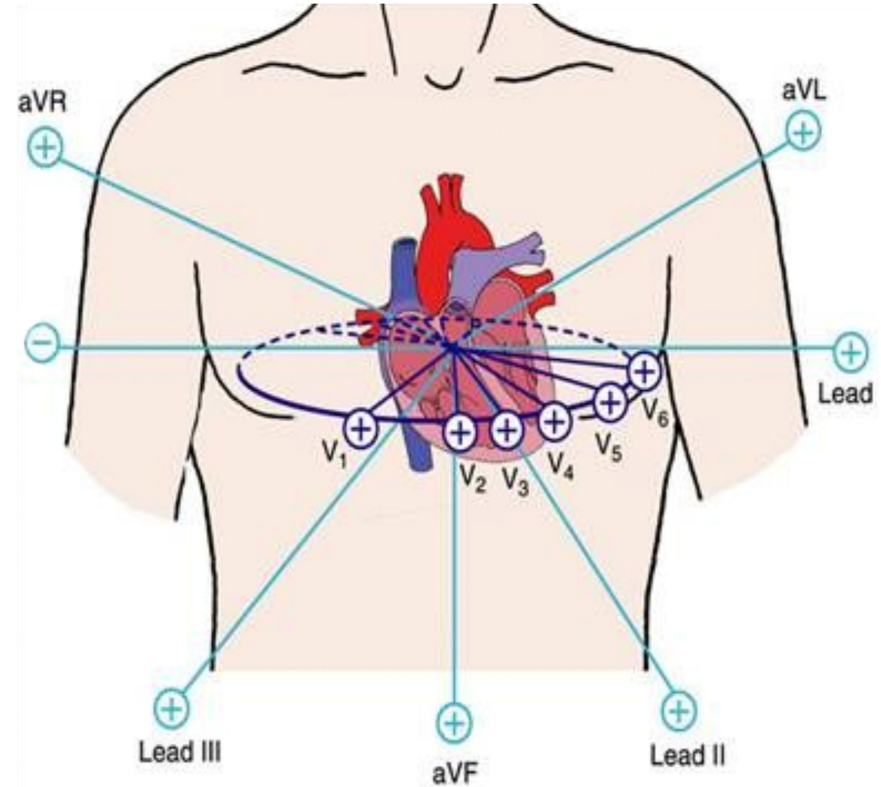
Restoration of 12-lead ECG by Smaller amount of leads



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12-lead ECG has become a standard for use in medical practise in hospitals, yet it is not convenient enough for everyday use - for example in common Holter devices and on-demand monitoring.

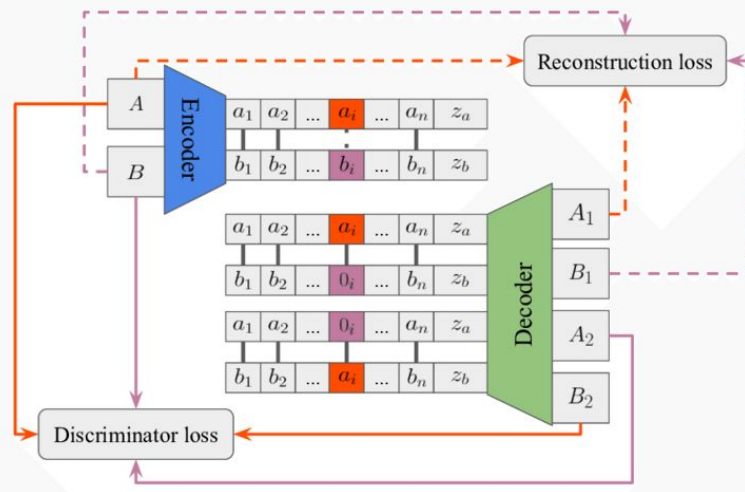
Yet the most developed Artificial Intelligence algorithms are capable of restoration of complete information on limited sources.



Restoration of 12-lead ECG by Smaller amount of leads

This approach can be used to restore 12-lead ECG from for example 3-lead ECG. Main obstacle to create a product that uses this approach is the need of a huge dataset of 12-lead ECGs of different people.

To create proof of concept 10000+ short ECG recordings (30 seconds long) are needed.





**Feel free to contact us
and join this research!**

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