Apps on Intensive Care

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My app on Intensive care Complete: ABG is for bedside diagnosis. It uses a physiochemical approach and is a mix of traditional approach and Stewart's. The complete ABG is an app designed for bedside use. The point-of-care version of the app is available for the Iwatch.

Both the Complete ABG and ABG Book are the only apps that use the traditional algorithm and graphical data from Sigard in one format. It is the only app available globally which can diagnose Bartter and Gitelman syndrome and various types of RTA as well as issues like laxative abuse.

The ABG Book is for understanding the concept of ABG maths and Complete ABG is for bedside use.The app also takes into consideration the A/a gradient apart from Barometric pressure and RQ.

Its alveolar gas tutor makes the complete alveolar gas equation playable and again, this is the only app of its kind available on a smartphone. Since we don't use minute exhaled ventilation and exhaled CO_2 these days, this app can help make the concepts clearer. Please note that the app is for teaching purposes only.

This app has been downloaded by physicians across the world. To date, it has 42000 downloads. However, our goal is to improve the number of downloads and also encourage feedback

ETCO2 is an educational app and we are working on an interface that can be connected to a smartphone.

As applied respiratory physiology is my passion and I love mathematics and technology, I want to work in this field and spread the benefits all across the globe for free.

What is your top management tip?
Work with the motto of "If possible with you or without you"

What would you single out as a career highlight?
My research on the sensor at the tip of the ET tube.

If you have not chosen this career path you would have become a?
Software engineer.

What are your personal interests outside of work?
Software.

Your favourite quote?
Peace in war: work in rest.