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# Effects Of Electrospinning Setup And Process Parameters On

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Figure S1. Image of the electrospinning setup with voltage ...

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Effects Of  
Electrospinning Setup  
AndThis work describes  
the effect of vertical -  
horizontal  
electrospinning setups  
and electrospinning  
parameters on fiber  
morphology. The

research objective was to obtain finer and non-beaded fiber morphologies, via controllable and repeatable process parameters, for further applications of QCM surfaces in high performance DNA-, Aptamer-, Immunosensor applications. Effects of Electrospinning Setup and Process Parameters on ... In the vertical electrospinning setup, the collector is placed on the insulating floor and the syringe pump is settled above the collector. Both in horizontal and vertical electrospinning setups, the collector is chosen as an iron plate which has a 15x15 cm<sup>2</sup> surface area. To start the electrospinning process at the center of Effects of Electrospinning Setup

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continuous fibers, with a horizontal arrangement higher flow rate is required than the vertical arrangement.Effects Of Electrospinning Setup And Process Parameters OnTo obtain a good spinning effect, the electrospinning distance between the needle and the collector is suggested to be in the range of 2–10 cm. The designed apparatus has a weight of about 120 g and a precise size of 5 cm length, 3 cm thickness, and 10.5 cm height, which makes the portable handheld electrospinning setup a reality.Electrospinning: The Setup and Procedure - ScienceDirecteffects of electrospinning setup and process parameters on, but end

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### **FIGURE S1. IMAGE OF THE ELECTROSPINNING SETUP WITH VOLTAGE ...**

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Image of the electrospinning setup with voltage supply and syringe pump. The spinning chamber is made of acrylic glass. The voltage (from an iseg T1 CP300p high voltage power supply, [www.iseg-hv.com](http://www.iseg-hv.com)) is applied to the needle and the collector is grounded. The distance Effects Of

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