

# *Lens assisted after Duplex mapping, Bridging technique of saphenous vein harvesting.*

## *(A new technique in saphenous vein harvesting, best substitute for endoscopic vein harvesting)*

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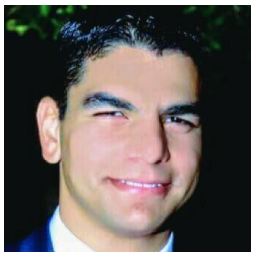
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***Abstract***: ***introduction:*** ischemic heart disease is a common cause of death, which encourage is to find a definitive treatment for this disease. One of them is coronary artery bypass grafting. Still most commonly used graft is saphenous vein which harvested by different techniques. ***Methodology and Operative technique***: we used lens assisted bridging technique after mapping preoperatively with duplex and compared it with traditional technique. ***Results:*** After comparing the data obtained from both techniques we found that **l**ens assisted, **d**uplex mapping, **b**ridging (LDB) technique had better overall results in comparison to conventional technique. Conclusion: **(LDB)** technique can be a good substitute for endoscopic vein harvest especially in areas with low financial resources with results better than traditional open technique.

**Keywords**: endoscopic vein harvesting, saphenous vein, Traditional open Technique, bridging technique.



# Biography

My name is ***Ali Ali Mohamed Elbassioni***, 28 years old born at 29-8-1988 at port-said (which is a government in Egypt). Graduated from Suez Canal University at 2011 then in 1-3-2012 I worked as house officer at Suez Canal university hospitals. After that 28-2-2013 I worked in primary health care unit at port-said then I started the carrier of cardiothoracic surgery. In in 15-7-2013 to 21-8-2016 I started my training of cardio-thoracic surgery as being a residence in cardiothoracic department at Suez Canal University. During this period I learned the basics of adult cardiac and thoracic surgery, inward care, emergency department interventions and post open heart cardiac ICU. Then in 21-8-2016 to 26-3-2017 I became an administrator in the same department also I had the master degree in cardiothoracic surgery. Now I am assistant lecture of adult cardia surgery in cardio-thoracic department at Suez Canal University and working as registrar of cardiac surgery at insurance hospital at Suez governorate.

My master thesis was about ***a new technique in saphenous vein harvesting*** which will save more time and money than endoscopic vein harvesting with equally good results.

I am interested in adult cardiac surgery especially ***aortic root surgery and hybrid technique for aortic repair***.