

## Lean Six Sigma in pharmaceuticals: Facts & dreams

**Ahmed Medhat Abu Ghida**  
Mansoura University, Egypt

Lean Six Sigma methodology, an approach made the world amazed. As we know Six Sigma first appears in Motorola then it transferred to all fields.

For me I think that Lean Six Sigma started lately in pharmaceuticals, however all of us were excited for that, but unfortunately I don't see the effect of Lean Six Sigma in pharmaceuticals clear & powerful as other fields.

In every field you will find the pioneers or the market leaders are Lean Six Sigma deploying companies such as: GE in healthcare, Lufthansa in aviation, HSBC in banking, ford in automotives, Vodafone in telecommunications, etc.

I know that companies like: GSK, Novartis, Abbott & others have their own Lean Six Sigma programs, but with full respect to them I see that the deployment & application is below the target or is not deep as in other fields.

So, the question is why? Why we don't have a well established lean six sigma programs in our pharmaceutical companies? I want to see a complete system linking the lean six sigma to all aspects in the company & gives the Lean Six Sigma team their power & authority to change whatever they see it must be changed (after top management approval of course).

We must focus on the deployment of solid Lean Six Sigma programs in our pharmaceutical companies & give them whatever they will need to success; I want to see more & more six sigma projects to make the pharmaceutical organizations the most leading Lean Six Sigma companies in the globe.

### Biography

Ahmed Medhat Abu Ghida has completed his bachelor's in pharmacy 2005, and then worked as quality assurance specialist in SIGMA pharmaceutical industries. He got certified as a Lean Six Sigma black belt 2010 then he earned his six sigma master black belt certificate in 2012. He worked as a Lean Six Sigma consultant then he worked as an instructor at the AUC. After that, he continued his career as a trainer in many companies such as: ARTAC & quality academy. He has supervised & coached many green belts & black belts in many fields. He has completed many Lean Six Sigma projects in pharmaceuticals & other fields.

[a\\_aboghida@yahoo.com](mailto:a_aboghida@yahoo.com)