

Lack of minimum PPEs and Lab. Biosafety in Microbiological Laboratory cause an abortion to a Master Student

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Objective:-

- Importance of lab biosafety training
- Necessity of minimum PPEs for protection of lab analysts working on zoonotic disease.

Material and method:-

During the period 1982- 1985, I was working on my master thesis on “Study on Listeriosis in rabbits” I started to collect samples from rabbits farms without using PPEs and try to isolate *Listeria monocytogens*. I worked on open bench. During my work, i examined the plates under the oblique transmission microscope without the cover of the plates. I conducted an experimental infection in rabbits and used to clean and take care of infected rabbits during this study I was pregnant in the 6th month.

Result:-

Suddenly I was aborted on the last day of the 6th month. They were twins. I told my doctor that I worked on *listeria monocytogens* in rabbits .He gave me the suitable treatment before repregnant again.

Recommendation:-

- 1- All *listeria monocytogens* work should be done in the biosafety cabinet to protect the analyst from infection.
- 2- I started to read about lab biosafety and trained on it in USA during 1991-1993 (USDA lab in Texas).
- 3- I shared in the EGBSA to improve the biosafety in microbiological labs in my country through training.
- 4- I attended many workshops on lab biosafety and biosecurity.
- 5- I enforced the biosafety measures to be applied in our lab.