

**Q5**

Type of Project Grant

**EDUCATIONAL: To develop an educational program or offering in pathology/lab medicine services focused on improving healthcare quality, cost, or access.**

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**Q6**

Estimate of Total Budget (no details at this time, just total value up to \$5,000 for one year)

5000

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**Q7**

Short title: (<4 words)

Minimizing blood wastage

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**Q8**

Full Title:

Developing online training module to reduce blood product wastage

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**Q9**

Short Summary: (<250 words)

Blood is a critical, lifesaving therapy for millions of patients throughout the world and the only source is the generosity of donors. Blood products have been in critical supply especially during the COVID 19 pandemic. Unfortunately, some of blood products do not always go to the patients, instead sometimes ending up in the waste. It is inevitable to have some degree of the wastage due to limited blood product shelf life, the inherent need to have stock on hand at all times, and the often unpredictable demand of these products. However, it is possible to minimize the wastage of blood products with careful management of inventories, proper documentation, and education. Donated blood is a precious gift and we need to do our part to protect and manage this valuable resource. In this project, we aim to develop a online iLearn training module and make it annual mandatory training to physicians and residents who are using massive transfusion protocol as well as the nursing and transport staff to reduce the wastage.

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