LIQUID GOLD: Improving Massive Transfusion

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| Massive Transfusion standards and guidelines require trauma facilities to have universal blood products immediately available for transfusion in a 1:1 to 1:2 (plasma to red blood cells) ratio for hemorrhaging patients. | FFP Bag Breakage  
- Requested both blood suppliers evaluate the manufacturing and shipping process  
- Two identified issues-packaging materials and bag used to contain FFP  
- Liquid Plasma  
- Evaluated plasma product options and implemented the use of liquid plasma for massive transfusion  
- Policy Update | FFP bag breakage rates have decreased from 12% to 6.4%  
- The time from MTP initiation to plasma has decreased from a median time of 31.5 minutes to 3.5 minutes | Collaborating with national blood suppliers, implementing liquid plasma and updating the massive transfusion protocol has improved the delivery of products to hemorrhaging patients. | Liquid Plasma should be considered by facilities to improve the availability of plasma during massive transfusion |

References