

## Intercept Fibrinogen Complex LAB MEMO

TO: All OSU Wexner Medical Center Providers

FROM: Scott Scrape MD, Med Director Transfusion Services  
JoAnna Jones MD, Sr Med Director, Clinical Laboratories

**SUBJECT: LAB MEMO Re: Pathogen Reduced Cryoprecipitated Fibrinogen Complex (INTERCEPT® Fibrinogen Complex/IFC)**

Beginning July 2023, The OSU Wexner Medical Center Transfusion Service, will begin providing Pathogen Reduced Cryoprecipitated Fibrinogen Complex (also referred to as INTERCEPT® Fibrinogen Complex/ IFC). Based on availability, the Transfusion Service will fill orders using conventional cryoprecipitated AHF or an equivalent dose of IFC.

IFC is manufactured using the same psoralen/UVA-based technology that is used to manufacture pathogen reduced platelets (INTERCEPT Platelets). IFC was approved by the FDA in 2020 and is being phased in at several large medical centers.

The OSU Wexner Medical Center Transfusion Medical Director has reviewed the package insert and relevant literature and determined that this FDA-approved product is a safe and effective replacement for conventional cryoprecipitated AHF. IFC contains equivalent levels of fibrinogen, vWF and Factor XIII compared to conventional cryoprecipitated AHF.

**Indications** for use of IFC are similar to conventional cryoprecipitated AHF:

- Treatment and control of bleeding, including massive hemorrhage, associated with fibrinogen deficiency
- Control of bleeding when recombinant and/or specific virally inactivated preparations of factor XIII or von Willebrand factor (vWF) are not available
- Second line therapy for von Willebrand disease (vWD)
- Control of uremic bleeding after other treatment modalities have failed

*Limitation:* IFC should not be used for replacement of factor VIII.

**Advantages** of using IFC:

- Pathogen reduction reduces the risk of transfusion-transmitted infections.
- Unlike thawed cryoprecipitated AHF (shelf-life of only 4-6 hours), IFC has a 5-day post-thaw shelf life.
- IFC's 5-day shelf life means it can be returned to the transfusion service if not transfused, significantly decreasing wastage.
- Immediately available for transfusion upon order because IFC is stored thawed.

**Providers:** *No change in ordering. Please continue to order cryoprecipitated AHF as usual, using existing cryoprecipitate blood order sets.*

**Nursing:** *No changes to cross-check/verification of product or to administration procedures.*

### ADMINISTRATION OF IFC

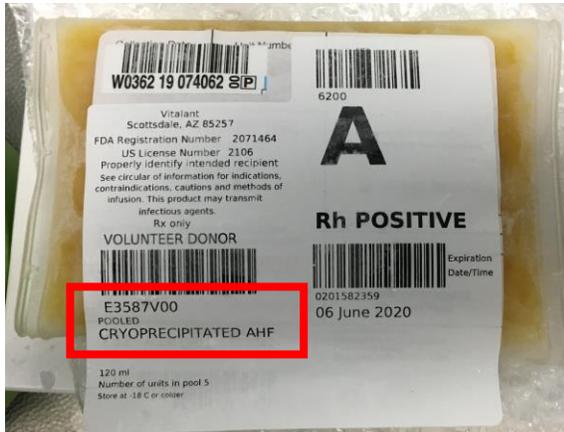
- Administer using standard blood administration sets and follow same instructions as recommended in blood administration procedure for infusion of conventional cryoprecipitated AHF.
- Patients can receive both conventional cryoprecipitated AHF and IFC.

## Onboarding – INTERCEPT® Fibrinogen Complex/IFC LAB MEMO

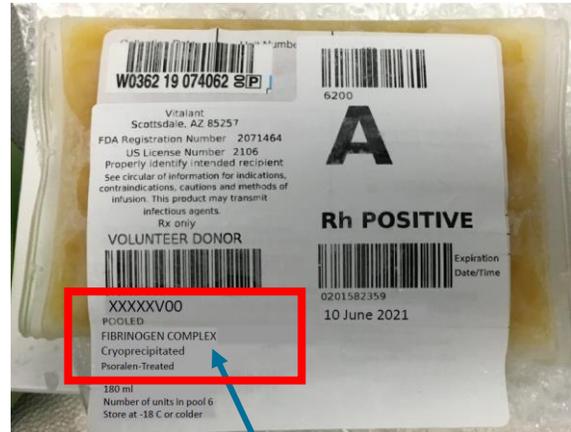
- IFC can be transfused in the same line as conventional cryoprecipitate pooled AHF.

### APPEARANCE OF IFC BAGS

#### CONVENTIONAL CRYO BAG LABEL



#### NEW IFC BAG LABEL



Note: Product name on label.

Additional information is available on the Clinical Labs, Transfusion Service website

For questions, please contact Dr.Scott Scrape or the Transfusion Service.