

# Twentieth Ask OBI Anything (AOA)

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# Objectives

- Welcome
- Transfusion Section Website
- Response to Questions – When are CMV negative products indicated?
- Education – CMV Negative vs CMV Safe Blood Products
- Blood Drives/ System Inventory Status

# Website

- <httpsourbloodinstitute.org/hospital/>

# Ask OBI Anything – Response to Questions

## When are CMV negative products indicated?

- Cellular blood products can have decreased risk of transmitting cytomegalovirus (CMV) by:
  1. Leukoreduction by filtration
  2. Serological testing
- These patient populations should receive these products:
  - Low birth weight infants born to CMV seronegative mothers
  - Intrauterine exchange transfusions
  - CMV seronegative pregnant women
  - Seronegative bone marrow transplant recipients
  - Seronegative autologous peripheral blood stem cell transplant recipients
  - HIV patients who are seronegative

See OBI-CL-SOP-1032 Policies for Providing Transfusion Support in Special Circumstances for more information.

# Education – CMV Negative vs CMV Safe Blood Products

- Cytomegalovirus (CMV)
  - Lipid-enveloped DNA virus
  - Symptoms of primary infection in immunocompetent people are mild
  - Causes lifelong infection after resolution of primary infection detectable as seropositivity
    - 50-60% of the US population is seropositive
  - Can be transmitted by transfusion via infected white blood cells
- CMV Negative:
  - Blood product obtained from seronegative donor (never infected with CMV)
  - 1-2% CMV transmission risk
- CMV Safe:
  - Leukocyte-reduced blood product
  - 2-3% CMV transmission risk

# Blood Drive/Blood Need

- Past Drives
  - Seiling Community – 8 donors!
- Upcoming Drives
  - Electra Memorial Hospital & Community – April 7<sup>th</sup>
  - Rural Wellness Stroud – April 13<sup>th</sup>

**O NEGATIVE DONORS NEEDED!**



# Thank you

The End