



**STATE OF HAWAII**  
**DEPARTMENT OF HUMAN SERVICES**  
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August 20, 2015

MEMORANDUM

MEMO NOS.  
FFS M-1508  
QI-1512

TO: Medicaid Fee-For-Service (FFS), QUEST Integration Health Plans, Physicians and Pharmacies

FROM: Judy Mohr Peterson, PhD   
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SUBJECT: HAWAII MEDICAID QUEST INTEGRATION GUIDELINE FOR PROPHYLAXIS OF RESPIRATORY SYNCYTIAL VIRUS (RSV) INFECTIONS IN HIGH RISK INFANTS AND CHILDREN

This memorandum serves as an annual update to the Med-QUEST Division (MQD) guideline for the coverage of RSV prophylaxis with palivizumab (Synagis®). The guideline for RSV prophylaxis has been developed by the MQD in partnership with the Hawaii RSV Consensus Committee which is comprised of a broad representation of physicians with expertise in RSV infections in Hawaii. This RSV prophylaxis guideline allows for standardization across QUEST Integration (QI) health plans which include AlohaCare, HMSA, Kaiser Permanente, 'Ohana Health Plan, and UnitedHealthcare Community Plan. Recommendations are based on the American Academy of Pediatrics (AAP) national guidelines adjusted for local RSV epidemiology.

RSV immunoprophylaxis with palivizumab (Synagis®) administered intramuscularly at a dosage of 15 mg/kg is approved by the Food and Drug Administration (FDA) for RSV prophylaxis in high risk infants and children. RSV prophylaxis is covered in Hawaii from September 15, 2015 through March 31, 2016. The first dose can be administered on or after September 15, 2015 and subsequent treatments may continue thru March 31, 2016.

RSV prophylaxis with palivizumab (Synagis®) may be covered (subject to exclusions) for patients who meet the following criteria:

1. Infants less than 12 months chronologic age at the start of the RSV season (Born on or after September 15, 2014) with any one of the following:

- a. Hemodynamically significant congenital heart disease and/or persistent pulmonary hypertension requiring medical management.
  - b. Infants born prematurely under 29 weeks (28 + 6 or less) gestation.
  - c. Infants with pulmonary abnormalities or neuromuscular diseases that impair the ability to clear secretions from the upper or lower airways.
  - d. Infants who have chronic lung disease (CLD) of prematurity defined as gestational age < 32 weeks and requiring supplemental oxygen for the first 28 days after birth.
2. Children less than 24 months of chronologic age at the start of RSV season (born on or after September 15, 2013) who meet either criteria below:
    - a. CLD of prematurity and continued requirement of medical support defined as supplemental oxygen, chronic corticosteroid use, or diuretic therapy during the 6-month period prior to the current RSV season.
    - b. Severely immunocompromised patients who undergo stem cell transplantation, chemotherapy, or have a severe immunocompromised condition may also be considered for RSV prophylaxis.

RSV prophylaxis with palivizumab (Synagis®) is not covered for the following:

1. Infants and children with hemodynamically insignificant heart disease including but not limited to as secundum ASD, small VSD, mild coartation and PDA.
2. Infants and children with cardiac lesions adequately corrected by cardiac surgery unless patient continues to require medication or oxygen management for heart disease.
3. Infants and children with mild cardiomyopathy not requiring medical therapy.
4. Patients with active RSV infection or documented history of RSV infection during the current RSV season. Palivizumab is indicated for the prevention of RSV infection, not treatment. Palivizumab should be discontinued in patients with RSV infection.

### **Clinical Considerations**

1. RSV prophylaxis for indicated patients should, ideally, be started between September 15, 2015 and September 30, 2015. However, a later start date is also acceptable.
2. The interval between the first and second dose should be no less than and as close as possible to 28 days. All subsequent dose intervals should be as close as possible to 30 days with the range being 28-35 days.
3. RSV prophylaxis should be continued to provide immunity until the end of March 2016 or until a total of five doses have been administered.

4. Children who undergo cardiopulmonary bypass, including extracorporeal membrane oxygenation, with indication for RSV prophylaxis should receive an additional dose of palivizumab after surgery due to a significant drop in protective antibody levels following cardiopulmonary bypass.
5. Infants and children meeting criteria for RSV prophylaxis should also be considered for influenza vaccine if they are over the age of six (6) months.
6. Families of patients at risk should receive education regarding:
  - a. Use of good handwashing and cough hygiene;
  - b. Breastfeeding;
  - c. Avoiding exposure of the infant to smoke and dust especially passive smoke inhalation; and
  - d. Avoiding unnecessary exposure to crowds and avoiding ill contacts.
7. As palivizumab is given intramuscularly, it must be used with caution in patients with thrombocytopenia and coagulation disorders.

#### **Prior Authorization**

1. The MQD requires authorization for palivizumab.
2. For QI providers, authorizations for palivizumab must be obtained from the QI health plan (AlohaCare, HMSA, Kaiser Permanente, 'Ohana Health Plan, and UnitedHealthcare Community Plan).
3. For FFS providers (e.g., Koan SHOTT transplant program), authorization must be obtained from Xerox, the MQD's pharmacy fiscal agent. Requests for prior authorization should be faxed on the Standardized Prior Authorization (PA) Form to 1-888-335-8474.
4. Prior authorization will cover palivizumab doses in intervals of 28-35 days during the RSV season administered between September 15, 2015 and March 31, 2016.