MEASURE SUMMARY
CHIPRA Core Set Candidate Measures

A. Control #: PHP-5
B. Measure Name: Immunization for 2 year-olds
C. Measure Definition
   a. Numerator: Children who received 4 DTaP vaccinations, 3 IPV vaccination, 1 MMR vaccination, 2 Hib vaccinations, 3 Hepatitis B, 1 VZV and 4 pneumococcal conjugate vaccines on or before their second birthday.
   b. Denominator: Enrolled children who turn 2 years of age during the measurement year.

D. Measure Type: ☑ Process ☐ Outcome ☐ Structure ☐ Efficiency
E. Measure collected using: ☐ EMR ☑ CPOE ☐ Other HIT ☐ N/A ☑ NR

VALIDITY
F. Evidence of measure validity submitted? ☐ Yes ☑ No
G. Level of evidence supporting the measure (if submitted): (see Oxford University CEBM Levels of Evidence)
   Oxford CEBM = 2 (Cohort studies; high childhood immunization rates prevent the resurgence of many infectious diseases, such as polio, that have been virtually eradicated from most developed countries (CDC, 1999)).

H. USPSTF Grade if applicable:

FEASIBILITY
I. Measure Specifications Submitted? ☑ Yes ☐ No ☑ Yes, but insufficient detail provided
J. Data Source:
   ☑ Admin ☑ MR ☑ Survey ☐ Other (specify): ☑ NR
K. Evidence of measure reliability submitted? ☑ Yes ☐ No
L. List of entity types currently using measure:
   State Medicaid Program – CO, MA, CHIP

IMPORTANCE
M. Addresses area of care mandated in legislation?
   ☑ Yes (specify): Immunizations ☑ No
N. Documented variation in performance (by race/ethnicity, language spoken, insurance type, etc)?
   x ☑ Yes ☐ No ☑ NR
   General Performance Data Reported.
   Combo 3, 2007: national mean: 65.43%, 10th percentile, 50.12%, 90th percentile, 84.67%. top region: NE, bottom region: south central
   Rates for combo 2 and all other vaccines are higher than the rate for combo 3. among specific vaccines, pneumococcal rate is 73.87%, and DTap is 77.79%. see NCQA documents, Attachment 2b, for details.
O. Measure used/data are collected in racial/ethnic populations other than non-Hispanic white?
   ☐ Yes ☐ No x ☑ NR
   Not Reported.