Supplemental Information

SUPPLEMENTAL TABLE 6 Audit Questions Representing the CDC's Core Elements of Hospital ASPs

Core Element	Question
Leadership commitment	Does your NICU have a formal written project plan that is used to engage senior leadership in efforts to improve antibiotic use (antibiotic stewardship)?
Accountability	Is there a physician leader responsible for the outcomes of stewardship activities in your NICU?
Drug expertise	Is there a pharmacist leader responsible for working to improve antibiotic use in your NICU?
Timeout	Is there a formal procedure or process used to prompt the NICU care team to review the appropriateness of all antibiotics prescribed for infants in the NICU 48–72 h after that initial order (eg, "antibiotic time-out")?
Tracking	Does your NICU monitor AUR (either as d of antibiotic therapy and/or patient or d of antibiotic therapy per 1000 patient d)?
Reporting	Does your NICU participate in the National Healthcare Safety Network Antibiotic Use and Resistance Module?
Ongoing education	Does your NICU provide education to clinicians and other relevant staff on improving antibiotic prescribing?

SUPPLEMENTAL TABLE 7 Participating Centers

Hospital Name	City	State	Country
Hospital e Maternidade Santa Joana	Sao Paulo	—	Brazil
Hospital Universitário, USP	Sao Paulo	—	Brazil
Patologia Neonatale Ospedale San Bortolo	Vicenza	—	Italy
Al Jahra Hospital	Jahra	—	Kuwait
KK Women's and Children's Hospital	Singapore	—	Singapore
Mediclinic Bloemfontein	Bloemfontein	—	South Africa
Groote Schuur Hospital	Cape Town	—	South Africa
Mediclinic Limpopo	Limpopo	—	South Africa
Mediclinic Panorama	Panorama	—	South Africa
Mediclinic Medforum	Pretoria	—	South Africa
Mediclinic Vereeniging	Vereeniging	—	South Africa
Singleton Hospital Neonatal Unit, Swansea	Swansea	—	United Kingdom
USA Children's and Women's Hospital	Mobile	Alabama	United States
Phoenix Children's Hospital	Phoenix	Arizona	United States
University of Arkansas for Medical Sciences	Little Rock	Arkansas	United States
Alta Bates Summit Medical Center	Berkeley	California	United States
California Hospital Medical Center, Los Angeles	Los Angeles	California	United States
Kaiser Permanente San Diego Medical Center	San Diego	California	United States
Good Samaritan Hospital, San Jose	San Jose	California	United States
Providence Tarzana Medical Center	Tarzana	California	United States
St Joseph Hospital	Denver	Colorado	United States
Rocky Mountain Hospital for Children at P/SL	Denver	Colorado	United States
St Mary's Hospital and Medical Center	Grand Junction	Colorado	United States
Good Samaritan Medical Center	Lafayette	Colorado	United States
Christiana Care Health Services	Newark	Delaware	United States
Washington Hospital Center	Washington	District of Columbia	United States
UF Health Jacksonville	Jacksonville	Florida	United States
Wolfson Children's Hospital	Jacksonville	Florida	United States
Nicklaus Children's Hospital	Miami	Florida	United States
Baptist Children's Hospital	Miami	Florida	United States
Nemours Children's Hospital	Orlando	Florida	United States
St Joseph's Children's Hospital	Tampa	Florida	United States
Phoebe Putney Memorial Hospital	Albany	Georgia	United States
Athens Regional Medical Center	Athens	Georgia	United States
Northside Hospital	Atlanta	Georgia	United States
Northeast Georgia Medical Center	Gainesville	Georgia	United States
Floyd Medical Center	Rome	Georgia	United States
MHUMC Savannah	Savannah	Georgia	United States
Kapiolani Medical Center for Women and Children	Honolulu	Hawaii	United States
Mercy Hospital and Medical Center	Chicago	Illinois	United States
St Alexius Medical Center	Hoffman Estates	Illinois	United States
Edward Hospital and Health Services	Naperville	Illinois	United States
Advocate Children's Hospital, Oak Lawn	Oak Lawn	Illinois	United States
Rockford Memorial Hospital	Rockford	Illinois	United States
Carle Foundation Hospital	Urbana	Illinois	United States
St Vincent Women's Hospital	Indianapolis	Indiana	United States
St Luke's Hospital	Cedar Rapids	Iowa	United States
Overland Park Regional Medical Center	Overland Park	Kansas	United States
Tulane Lakeside Hospital for Women and Children	Metairie	Louisiana	United States
Eastern Maine Medical Center	Bangor	Maine	United States
Greater Baltimore Medical Center	Baltimore	Maryland	United States
Baystate Medical Center	Springfield	Massachusetts	United States
University of Michigan, Charles Stewart Mott Children's, Brandon NICU	Ann Arbor	Michigan	United States
Henry Ford Hospital	Detroit	Michigan	United States
DeVos Children's, Spectrum Health	Grand Rapids	Michigan	United States
Children's Hospital at Bronson	Kalamazoo	Michigan	United States
UPHS Marquette	Marquette	Michigan	United States
St Joseph Mercy Oakland	Pontiac	Michigan	United States
William Beaumont Hospital	Royal Oak	Michigan	United States

TABLE 7 Continued

Hospital Name	City	State	Country
Munson Medical Center	Traverse City	Michigan	United States
Hennepin County Medical Center	Minneapolis	Minnesota	United States
St Francis Medical Center	Cape Girardeau	Missouri	United States
SSM Health Cardinal Glennon Children's Hospital	St Louis	Missouri	United States
St Louis Children's Hospital	St Louis	Missouri	United States
St Vincent Hospital and Health Center	Billings	Montana	United States
Nebraska Medical Center	Omaha	Nebraska	United States
St Peter's Medical Center	New Brunswick	New Jersey	United States
University Medical Center of Princeton at Plainsboro	Plainsboro	New Jersey	United States
AtlantiCare Regional Medical Center NICU	Pomona	New Jersey	United States
Cohen Children's Medical Center of New York	New Hyde Park	New York	United States
Golisano Children's Hospital at Strong	Rochester	New York	United States
Stony Brook University Medical Center	Stony Brook	New York	United States
Carolinas Medical Center	Charlotte	North Carolina	United States
Jeff Gordon Children's Hospital at CMC	Concord	North Carolina	United States
Wake Medical Center	Raleigh	North Carolina	United States
NHRMC, Betty H. Cameron Women and Children's Hospital	Wilmington	North Carolina	United States
Forsyth Memorial Hospital	Winston-Salem	North Carolina	United States
Akron Children's Hospital	Akron	Ohio	United States
Akron Children's NICU at St Elizabeth, Boardman	Boardman	Ohio	United States
Aultman Hospital	Canton	Ohio	United States
Rainbow Babies and Children's Hospital	Cleveland	Ohio	United States
Dayton Children's Hospital	Dayton	Ohio	United States
Mercy Children's Hospital	Toledo	Ohio	United States
Henry Zarrow NICU	Tulsa	Oklahoma	United States
St Charles Health Care	Bend	Oregon	United States
Kaiser Sunnyside Medical Center	Clackamas	Oregon	United States
Rogue Regional Medical Center	Medford	Oregon	United States
Providence St Vincent Medical Center	Portland	Oregon	United States
Oregon Health and Science University	Portland	Oregon	United States
Providence Portland Medical Center	Portland	Oregon	United States
Salem Hospital	Salem	Oregon	United States
Sacred Heart Medical Center	Springfield	Oregon	United States
Geisinger Medical Center	Danville	Pennsylvania	United States
Doylestown Hospital	Doylestown	Pennsylvania	United States
Lancaster General Health, Women and Babies Hospital	Lancaster	Pennsylvania	United States
St Mary Medical Center	Langhorne	Pennsylvania	United States
Holy Redeemer Hospital and Medical Center	Meadowbrook	Pennsylvania	United States
Temple University Hospital	Philadelphia	Pennsylvania	United States
Thomas Jefferson University Hospital	Philadelphia	Pennsylvania	United States
Hospital of University of Pennsylvania	Philadelphia	Pennsylvania	United States
Einstein Medical Center Philadelphia	Philadelphia	Pennsylvania	United States
Western Pennsylvania Hospital	Pittsburgh	Pennsylvania	United States
Crozer Chester Medical Center	Upland	Pennsylvania	United States
CHOP Newborn Care at Chester County Hospital	West Chester	Pennsylvania	United States
University Pediatric Hospital	San Juan	Puerto Rico	United States
Children's Hospital of Greenville	Greenville	South Carolina	United States
Children's Hospital at Erlanger	Chattanooga	Tennessee	United States
Maury Regional Medical Center	Columbia	Tennessee	United States
Williamson Medical Center	Franklin	Tennessee	United States
Jackson Madison County General Hospital	Jackson	Tennessee	United States
Niswonger Children's Hospital	Johnson City	Tennessee	United States
Holston Valley Hospital and Medical Center	Kingsport	Tennessee	United States
University of Tennessee Medical Center	Knoxville	Tennessee	United States
Baptist Memorial Hospital for Women	Memphis	Tennessee	United States
The Children's Hospital at TriStar Centennial	Nashville	Tennessee	United States
Monroe Carell Jr. Children's Hospital Vanderbilt	Nashville	Tennessee	United States
Dell Children's Medical Center of Central Texas	Austin	Texas	United States

TABLE 7 Continued

Hospital Name	City	State	Country
El Paso Children's Hospital	El Paso	Texas	United States
The Woman's Hospital of Texas	Houston	Texas	United States
Children's Hospital of San Antonio	San Antonio	Texas	United States
North Central Baptist Hospital	San Antonio	Texas	United States
St Luke's Baptist Hospital	San Antonio	Texas	United States
McLane Children's Hospital	Temple	Texas	United States
McKay Dee Hospital Center	Ogden	Utah	United States
University of Vermont Children's Hospital	Burlington	Vermont	United States
Inova Fair Oaks Hospital	Fairfax	Virginia	United States
Inova Children's Hospital	Falls Church	Virginia	United States
Inova Loudoun Hospital	Leesburg	Virginia	United States
Centra Health, Virginia Baptist Hospital	Lynchburg	Virginia	United States
Children's Hospital of Richmond at VCU	Richmond	Virginia	United States
Kadlec Medical Center	Richland	Washington	United States
Providence Sacred Heart Medical Center and Children's Hospital	Spokane	Washington	United States
Legacy Salmon Creek Hospital	Vancouver	Washington	United States
PeaceHealth Southwest Medical Center	Vancouver	Washington	United States
Yakima Valley Memorial Hospital	Yakima	Washington	United States
West Virginia University School of Medicine	Morgantown	West Virginia	United States
St Vincent Hospital	Green Bay	Wisconsin	United States
Aurora Baycare Medical Center	Green Bay	Wisconsin	United States
Gundersen Lutheran Medical Center	La Crosse	Wisconsin	United States
St Mary's Hospital Medical Center	Madison	Wisconsin	United States
Meriter Hospital	Madison	Wisconsin	United States
Ascension, St Joseph Hospital	Milwaukee	Wisconsin	United States
Aurora Sinai Medical Center	Milwaukee	Wisconsin	United States

CHOP, Children's Hospital of Philadelphia; CMC, Carolinas Medical Center; KK, Kandang Kerbau; MHUMC, Memorial Health University Medical Center; NHRMC, New Hanover Regional Medical Center; P/SL, Presbyterian/St Luke's Medical Center; SSM, Sisters of St. Mary; UF, University of Florida; UPHS, Upper Peninsula Health System; USP, University of Sao Paulo; VCU, Virginia Commonwealth University; —, not applicable.