

SHARP Intake Questionnaire

Please complete the survey below.

Thank you!

Hospital

- (AL) Children's of Alabama
- (MS) University of Mississippi Medical Center
- (AR) Arkansas Children's
- (CA) Rady Children's Hospital San Diego
- (CA) Lucile Packard Children's Hospital Stanford
- (CA) Children's Hospital of Los Angeles
- (CA) University of California San Francisco
- (CA) Valley Children's Healthcare
- (CO) Children's Hospital Colorado
- (CT) Connecticut Children's
- (DC) Children's National Medical Center
- (DE) Nemours-Alfred duPont
- (FL) Nicklaus Children's Hospital
- (FL) All Children's-St. Petersburg
- (FL) Nemours Children's Hospital - Orlando
- (FL) Holtz Children's Hospital
- (GA) Children's Healthcare of Atlanta
- (HI) Kapi'olani Medical Specialists
- (IL) Children's Hospital of Illinois
- (IL) Lurie Children's Hospital of Chicago
- (IL) St. Johns Children's Hospital - Springfield
- (IN) Riley Hospital for Children
- (KY) Kosair Children's Hospital
- (MA) Boston Children's
- (MI) Helen DeVos Children's
- (MI) University of Michigan
- (MN) Children's Hospital of Minnesota
- (MN) Mayo Clinic
- (MO) St. Louis Children's
- (MO) Children's Mercy Kansas City
- (MO) St. Louis University Hospital
- (MO) MU Women's and Children's Hospital
- (NC) Levine Children's Hospital
- (NE) Children's Hospital of Omaha
- (NJ) Bristol Myer Squib Children's
- (NJ) St. Barnabas Medical Center
- (NJ) Saint Peter's University Hospital
- (NY) Stony Brook Children's Hospital
- (NY) Buffalo Children's Hospital
- (NY) Cohen Children's Medical Center
- (OH) Akron Children's Hospital
- (OH) Nationwide Children's Hospital
- (OH) Rainbow Babies and Children's Hospital
- (OH) Cincinnati Children's
- (OR) Doernbecher Children's
- (PA) The Children's Hospital of Philadelphia
- (PA) Children's Hospital of Pittsburgh
- (SC) Medical University of South Carolina
- (TN) Le Bonheur Children's
- (TN) Monroe Carell Children's Hospital
- (TN) Vanderbilt University Medical Center
- (TN) St. Jude Children's Research Hospital
- (TX) Texas Children's
- (TX) Driscoll Children's Hospital - Corpus Christi
- (TX) Cook Children's - Fort Worth
- (TX) Dell Children's Medical Center
- (TX) Children's Hospital of San Antonio
- (TX) McLane Children's Scott & White Hospital
- (TX) University of Texas - Houston
- (UT) Primary Children's Hospital
- (WA) Seattle Children's Hospital
- (WI) American Family Children's - Madison
- (WI) Children's Hospital of Wisconsin

Responder Information

Name of the responder _____

Email of the responder _____

Role of the responder

Pharmacist
 Physician
 Data analyst
 Other

Describe your role _____

Hospital Information

Choose the option that best describes your hospital

Freestanding children's hospital (with or without affiliated pediatric clinics)
 Children's hospital contained within a larger Adult/pediatric healthcare system
 Specialist Children's Hospital (e.g. Children's Cancer Center)
 Pediatric/Neonatal Units within an adult hospital
 Specialist Adult Hospital (e.g. cancer hospital) with a pediatric ward
 Other

Please describe your hospital _____

Is your hospital a teaching hospital?

Yes
 No

Please tell us the upper age limit for children admitted to your hospital. _____

Total bed count (only pediatric beds if in a hospital that has adult beds) _____

Total hospital admissions from 1/1/2015 to 12/31/2015 (only pediatric admissions if in a hospital with adult admissions) _____

Pediatric Intensive Care

Does your center provide Pediatric Intensive Care (including invasive ventilation and inotropic support if required)?

Yes
 No

Does your center provide Pediatric Surgical Intensive Care? (you do not have to have a separate unit)

Yes
 No

Total PICU bed count _____

Total Cardiac Intensive Care Unit (CICU) bed count _____

How many PICU plus CICU (if applicable) admissions did your hospital have from 1/1/2015 to 12/31/2015? _____

Neonatal Intensive Care

Does your center provide Neonatal Intensive Care? Yes
 No

Does your center provide Neonatal Surgical Intensive Care? (you do not have to have a separate unit) Yes
 No

Total NICU bed count _____

How many NICU admissions did your hospital have from 1/1/2015 to 12/31/2015? _____

**Please provide some information about laboratory and imaging services at your hospital.
(Please remember these questions are due to the global point prevalence aspect of this study)**

Does your hospital have its own microbiology lab? Yes
 No

Is a majority of the virology testing performed in your microbiology lab? Yes
 No

Is a majority of the mycology testing performed in your microbiology lab? Yes
 No

Does your hospital have radiology services? Yes
 No

Do you have access in your hospital to CT scan? Yes, during daytime working hours
 Yes, all time
 No

Do you have access in your hospital to MRI scan? Yes, during daytime working hours
 Yes, all time
 No

Are Results From The Following Diagnostic Services Available Electronically?

	None	Some	All
Haematology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Biochemistry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Microbiology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Radiology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Assessment of the Antimicrobial Stewardship Program (ASP)- (These questions are to update our SHARPS data regarding all of our hospitals and to assess how our hospitals meet the Core Elements of ASP proposed by the CDC.)

Do you have a formal ASP? Y/N- Formal ASP is defined as monitoring antimicrobials and the institution provides financial support for a pharmacist, and/or physician, and/or data analyst?

- Yes
- No

Is your hospital in the process of developing a formal ASP?

- Yes
- No

Who does your ASP leaders report to?

- Quality and Safety
 - Infectious Diseases Division
 - Infection Control
 - I Don't Know
 - Other
- (Check all that apply)

Describe the "other" ASP Leader.

Do you have an ASP policy that is approved by P&T and/or the medical executive committee?

- Yes
- No

Whom does your ASP serve?

- Children only
- Children and adults (e.g. joint ASP in a combined adult/pediatric hospital)

Does your hospital have a pharmacist(s) dedicated to ASP?

- Yes
- No

How many pharmacist FTEs are dedicated to the ASP?

Of the total pharmacy FTE, how much FTE is allocated to adult ID pharmacist?

Of the total pharmacy FTE, how much FTE is allocated to pediatric ID pharmacist?

Of the total pharmacy FTE, how much FTE is allocated to general adult pharmacist?

Of the total pharmacy FTE, how much FTE is allocated to general pediatric pharmacist?

Of the total pharmacy FTE, how much FTE is allocated to other types?

Describe the other pharmacy FTE type.

Does your hospital have service specific pharmacists who participate in your ASP program?

- Yes
- No

Describe how service specific pharmacists participate in your ASP program.

Does your hospital have a physician(s) dedicated to ASP?

- Yes
 No

How many physician FTEs are dedicated to the ASP?

Of the total physician FTE, how much FTE is allocated to adult ID physician?

Of the total physician FTE, how much FTE is allocated to pediatric ID physician?

Of the total physician FTE, how much FTE is allocated to adult hospitalist?

Of the total physician FTE, how much FTE is allocated to pediatric hospitalist?

Of the total physician FTE, how much FTE is allocated to other?

Describe the other physician FTE type.

Does your hospital have a data analyst dedicated to the ASP?

- Yes
 No

How many data analyst FTEs are dedicated to the ASP?

Does your hospital have infection preventionists participate and help with your ASP?

- Yes
 No

How many infection preventionists FTEs are dedicated to the ASP?

Are any of the following groups integrally involved with your ASP?

- Clinicians outside of ID
 Quality improvement staff
 Microbiology/Virology Staff
 Information Technology staff
 Nurses
(Check all that apply)

ASP Actions

Please respond to the following questions as they apply to pediatric patients only.

Do you perform prospective-audit with feedback?

- Yes
 No

Which of the following drugs do you perform audit with feedback?

- All Antibiotics

- Narrow spectrum penicillins (e.g. ampicillin)
 Anti-staphylococcal penicillins (e.g. oxacillin)
 Narrow-spectrum beta-lactamase/beta-lactamase inhibitor combinations (e.g. ampicillin-sulbactam)
 Broad-spectrum beta-lactamase/beta-lactamase inhibitor combinations (e.g. piperacillin-tazobactam)
 1st generation cephalosporins
 2nd generation cephalosporins
 3rd generation cephalosporins
 4th generation cephalosporins (e.g. cefepime)
 5th generation cephalosporins (e.g. ceftaroline)
 Aztreonam
 Carbapenems
 Aminoglycosides
 Fluoroquinolones
 Macrolides
 Telithromycin
 Clindamycin
 Quinupristin/dalfopristin
 Tetracyclines
 Tigecycline
 Trimethoprim-sulfamethoxazole
 Polymixins (e.g., colistin)
 Daptomycin
 Glycopeptides (e.g. vancomycin)
 Oxazolidinones (e.g. linezolid)
 Fosfomycin
 Fidaxomicin
 Metronidazole
 Rifaximin
 Nitrofurantoin
- Systemic Antifungals

- Amphotericin B
 Echinocandins
 Fluconazole
 Ketaconazole
 Voriconazole
 Posaconazole
 Isovconazole
 Flucytosine
 Griseofulvin
 Pentamidine
 Terbinafine
- Antivirals

- Acyclovir
 Cidofovir
 Famciclovir
 Fosamprenivir
 Foscarnet
 Ganciclovir
 Oseltamivir
 Peramivir
 Ribavirin
 Valacyclovir
 Valganciclovir
 Vidarabine
 Zanamavir
- Other
anti-infectives:-----
- Atovaquone
 Dapsone
 Ivermectin

- Nitazoxanide
- Paromomycin
- Praziquantel
- Pyrantel pamoate

Do you have a restricted formulary or require prior-authorization of antimicrobials? (e.g., certain drugs can only be used by specific services, not all drugs within a class are available)

- Yes
- No

Which of the following drugs do you require prior authorization?

- All Antibiotics

- Narrow spectrum penicillins (e.g. ampicillin)
 Anti-staphylococcal penicillins (e.g. oxacillin)
 Narrow-spectrum beta-lactamase/beta-lactamase inhibitor combinations (e.g. ampicillin-sulbactam)
 Broad-spectrum beta-lactamase/beta-lactamase inhibitor combinations (e.g. piperacillin-tazobactam)
 1st generation cephalosporins
 2nd generation cephalosporins
 3rd generation cephalosporins
 4th generation cephalosporins (e.g. cefepime)
 5th generation cephalosporins (e.g. ceftaroline)
 Aztreonam
 Carbapenems
 Aminoglycosides
 Fluoroquinolones
 Macrolides
 Telithromycin
 Clindamycin
 Quinupristin/dalfopristin
 Tetracyclines
 Tigecycline
 Trimethoprim-sulfamethoxazole
 Polymixins (e.g., colistin)
 Daptomycin
 Glycopeptides (e.g. vancomycin)
 Oxazolidinones (e.g. linezolid)
 Fosfomycin
 Fidaxomicin
 Metronidazole
 Rifaximin
 Nitrofurantoin
- Systemic Antifungals

- Amphotericin B
 Echinocandins
 Fluconazole
 Ketaconazole
 Voriconazole
 Posaconazole
 Isovconazole
 Flucytosine
 Griseofulvin
 Pentamidine
 Terbinafine
- Antivirals

- Acyclovir
 Cidofovir
 Famciclovir
 Fosamprenivir
 Foscarnet
 Ganciclovir
 Oseltamivir
 Peramivir
 Ribavirin
 Valacyclovir
 Valganciclovir
 Vidarabine
 Zanamavir
- Other
anti-infectives:-----
- Atovaquone
 Dapsone
 Ivermectin

- Nitazoxanide
- Paromomycin
- Praziquantel
- Pyrantel pamoate

Do you have condition specific clinical practice guidelines or care process models implemented at your hospital?

- Yes
- No

List applicable conditions that have clinical practice guidelines/ care process models.

Does your hospital/ASP have surgical prophylaxis guidelines?

-
- Yes
 - No

Does your hospital/ASP have an empiric antimicrobial selection guidance for common infections?

- Yes
- No

Does your hospital have an IV to oral switch program?

- Yes
- No

Are indications required when an antimicrobial is ordered?

- Yes
- No

Do the majority of your clinicians perform antimicrobial time-outs after 48-72 hours of a patient receiving an antimicrobial?

- Yes
- No

Does your ASP receive rapid diagnostic results to help make interventions?

- Yes
- No

Does your ASP utilize automatic stop-orders?

- Yes
- No

Does your ASP/Pharmacy perform therapeutic drug monitoring (TDM) for antimicrobials?

- Yes
- No

Which drugs do you perform therapeutic drug monitoring?

- Vancomycin
 - Aminoglycosides
 - Voriconazole
 - Posaconazole
- (Check all that apply)

Does your ASP perform dose adjustments/optimization?

- Yes
- No

Are pharmacists able to make ASP recommendations independent of a physician?

- Yes
- No

Does your ASP document their recommendations in the medical chart?

- Yes
- No

Is ASP documentation considered an official part of the medical record?

- Yes
- No

Computer Support

Please respond to the following questions as they apply to pediatric patients only.

Do you use an ASP module that is within your main electronic health record system? (eg. ASP module developed by Epic)?

- Yes
 No

Which EHR system is used?

Does your hospital have a third party computer surveillance system (eg. Vigilanz, med-mined, Theradoc, Senti7) that can help with ASP and/or Infection Control?

- Yes
 No

Which System?

- Vigilanz
 MedMined
 Senti7
 Home-grown system
 Pathfinder
 Theradoc
 Other
 (Check all that apply)

Do you use the system to help with antimicrobial stewardship?

- Yes
 No

If yes, describe how you use the system for antimicrobial stewardship.

Do you have condition specific order sets to influence antimicrobial prescribing?

- Yes
 No

Data Tracking and Reporting

Please respond to the following questions as they apply to pediatric patients only.

Does your hospital/ASP review antimicrobial use reports on a regular basis (e.g., monthly, quarterly, etc)?

- Yes
 No

If yes, do you monitor days of therapy per 1000 patient days?

- Yes
 No

How do you obtain your DOT per 1000 patient days? (click all that apply)

- PHIS
 eMAR
 computer surveillance system
 other
 (Check all that apply)

Describe the other way you obtain your DOT.

Who do you share antimicrobial use data with?

- No one
 - Hospital administration
 - front-line clinicians
 - P&T
 - ASP committee
 - other
- (Check all that apply)

Describe the other way you share antimicrobial data.

Does your hospital/ASP review metrics related to antimicrobial cost? (e.g., cost per patient day, total antimicrobial pharmacy cost, etc)

- Yes
- No

Does your hospital develop an annual antibiogram?

- Yes
- No

Does your hospital/ASP monitor hospital acquired C. difficile rates?

- Yes
- No

Does your hospital collect the number or incidence of MDROs over a specific time frame (e.g., monthly, annually)?

- Yes
- No

Does your hospital monitor antimicrobial related adverse drug reactions?

- Yes
- No

Does your hospital/ASP monitor any other clinical outcomes?

- Yes
- No

Which other clinical outcomes does your hospital/ASP monitor?

Which of the following educational activities does your ASP perform? Check all that apply.

- Annual education to all prescribers (e.g. required online module)
 - Lectures to trainees
 - Grand Rounds
 - Education targeting patients and families
 - Other
 - None of the above
- (Check all that apply)

Describe the annual education you provide to all providers.

Describe the education you provide for patients and families.

Describe the other education you provide.
