

# PA-100 AST System

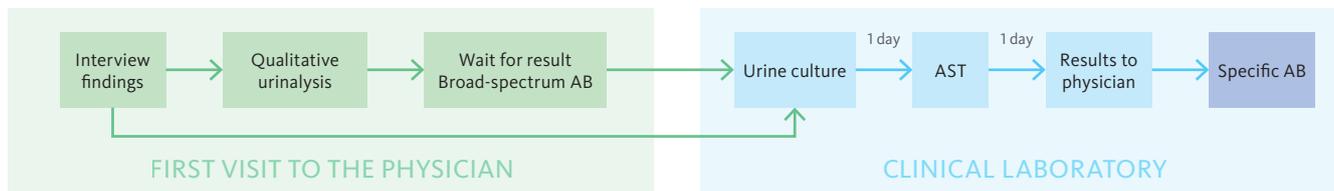


Antibiotic susceptibility  
testing at the point of care



# Antibiotic susceptibility testing against UTI

## Current diagnostic workflow



## Sysmex rapid AST diagnostic workflow



### Key facts

- ✓ Determination of bacterial growth and antibiotic susceptibility testing (AST) in less than one hour
- ✓ Patented technology based on nanofluidics principles
- ✓ Fast and easy to use
- ✓ Results based on EUCAST standards



#### Specifications PA-100 Analyzer

<b>Bacteriuria determination</b>	15 minutes Species ID not reported
<b>Phenotypic AST</b>	30 – 45 minutes (depending on bacterial species)
<b>Interface</b>	USB/LAN/external printer
<b>Dimensions (W × H × D)</b>	360 × 220 × 200 mm

#### Specifications PA-AST Panel U-0501

<b>Sample type</b>	400 µL fresh urine
<b>Tested on five bacterial species</b>	<i>E. coli</i> , <i>P. mirabilis</i> , <i>K. pneumoniae</i> , <i>S. saprophyticus</i> , <i>E. faecalis</i>
<b>Antibiogram for five antibiotics</b>	Amoxicillin/clavulanic acid, ciprofloxacin, fosfomicin, nitrofurantoin, trimethoprim

