

# PEDIATRIC DIARRHEA

Children 0–5 yrs

% with rotavirus etiology

% with other etiology



Rotavirus Vaccine



Safe Water



Hand Washing



Sanitary Latrines

## Acute Watery Diarrhea



Diagnose Acute Watery Diarrhea



Oral Rehydration Salts



Zinc



Diagnose Severe Acute Watery Diarrhea



Oral Rehydration Salts



Zinc



IV Fluids

CHILD DEATHS

## Dysentery



Diagnose Dysentery



Oral Rehydration Salts



Zinc



Azithromycin



Cefixime



Ciprofloxacin



Unindicated Antibiotics



Diagnose Severe Dysentery



Oral Rehydration Salts



Zinc



IV Fluids



Azithromycin



Cefixime



Ciprofloxacin

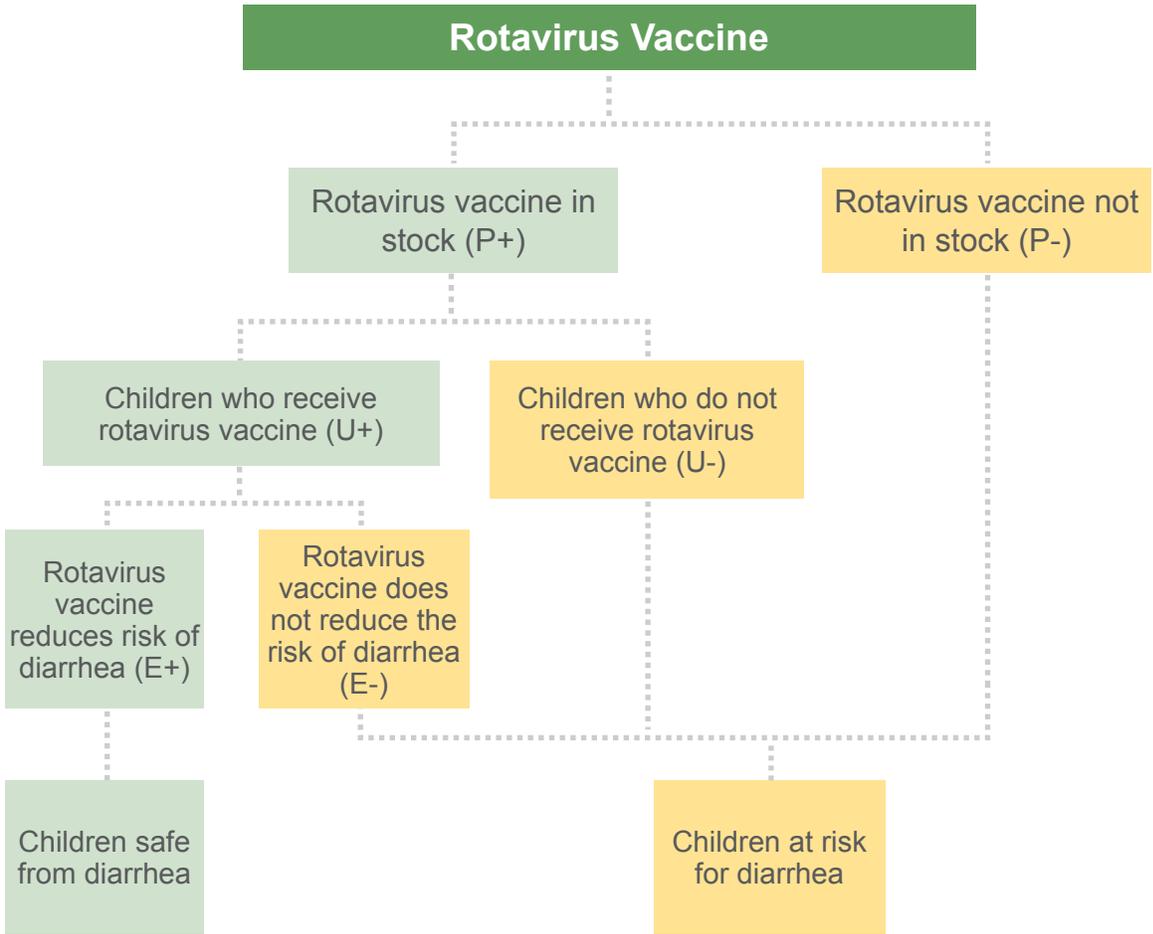


Unindicated Antibiotics

CHILD DEATHS

Children at risk of diarrhea that could be prevented with a rotavirus vaccine

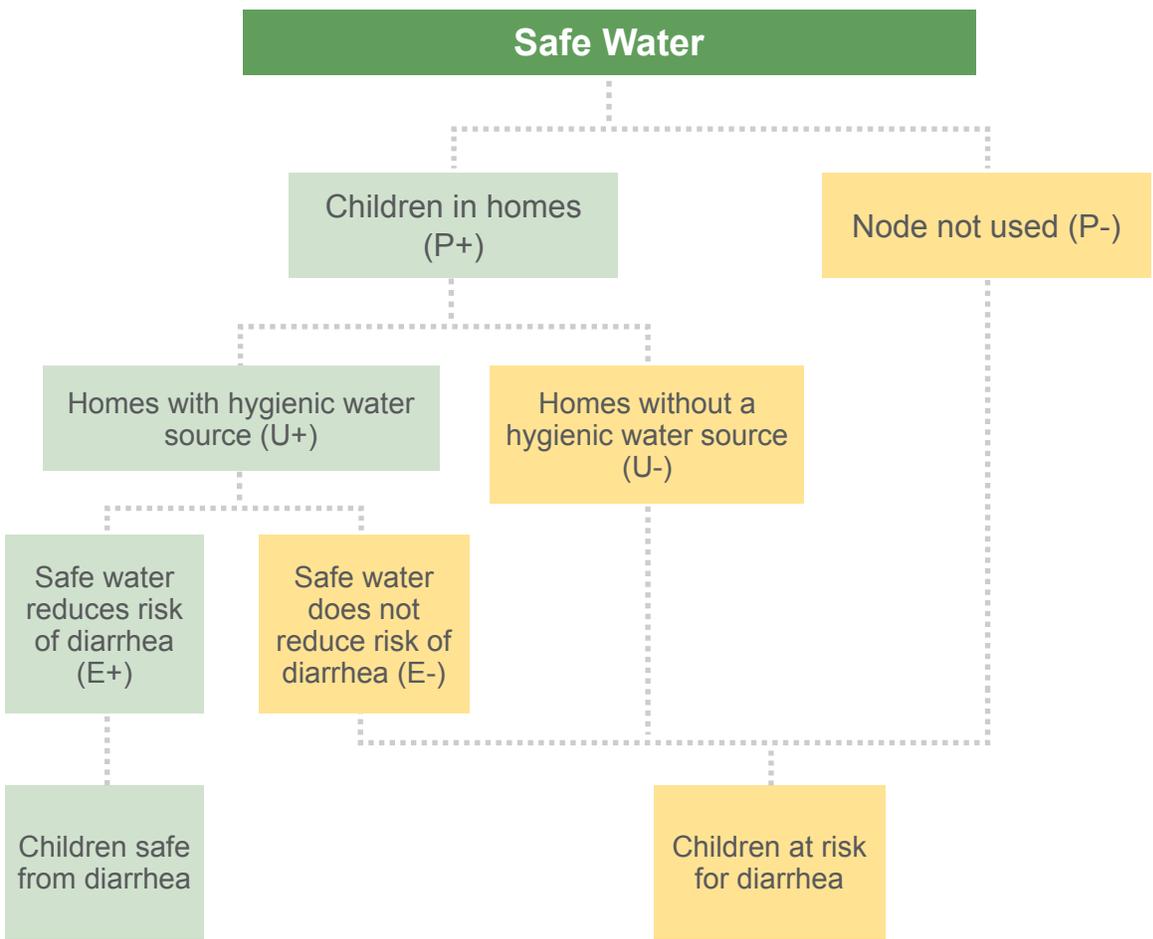
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	90%	90%	99%
<b>Utilization</b>	0%	0%	0%
<b>Efficacy</b>	50%	50%	50%

Children at risk for diarrhea

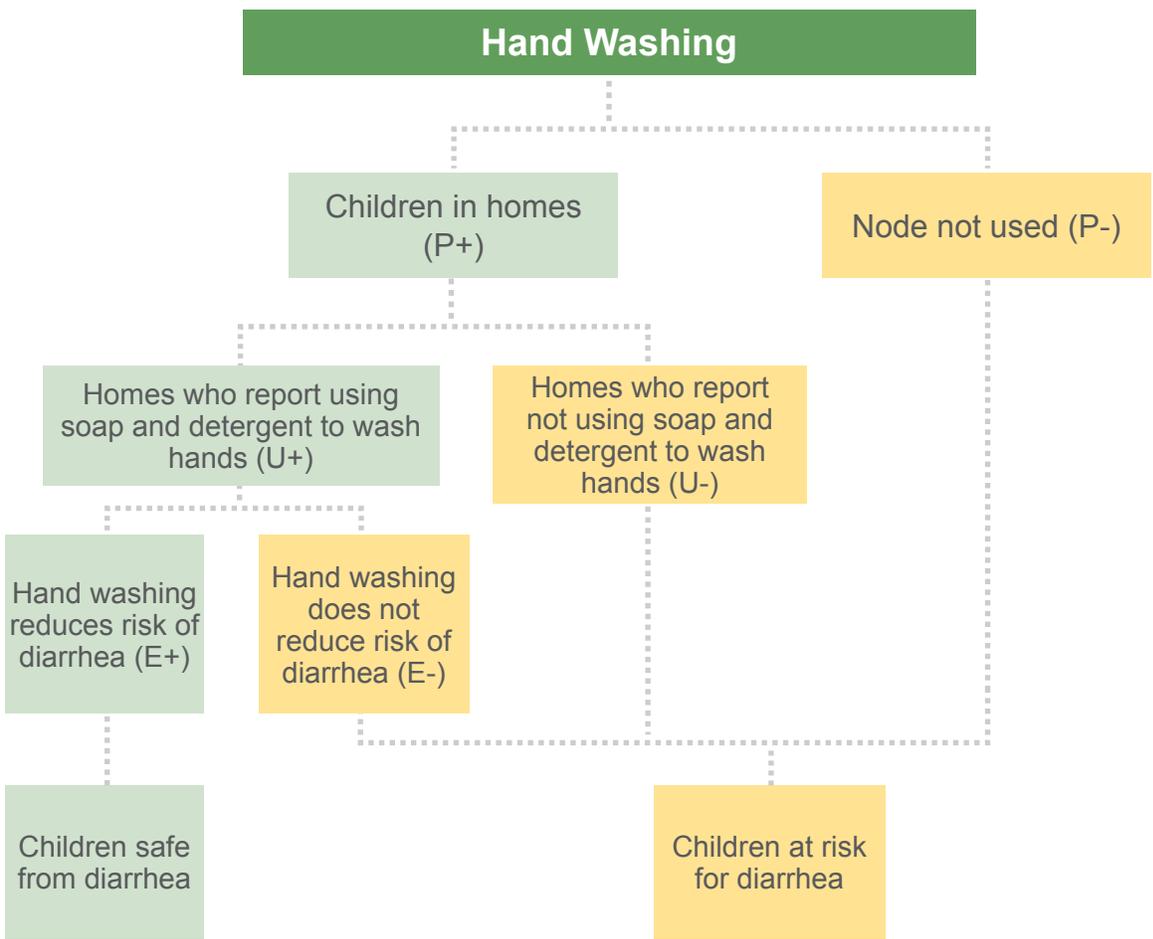
INTERVENTION  
 PENETRATION  
 UTILIZATION  
 EFFICACY  
 OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	99%	99%	99%
<b>Utilization</b>	60%	60%	60%
<b>Efficacy</b>	40%	40%	40%

Children at risk for diarrhea

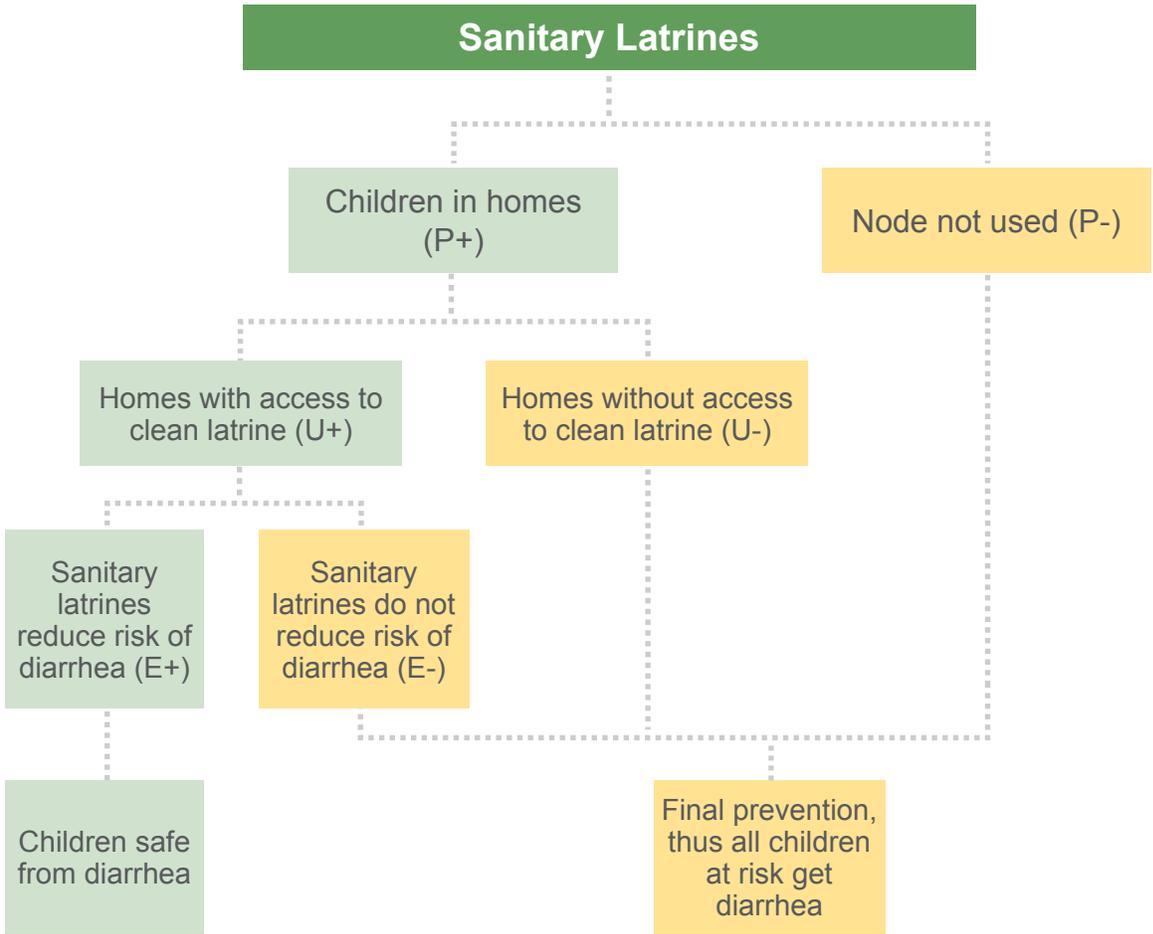
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	99%	99%	99%
<b>Utilization</b>	70%	70%	70%
<b>Efficacy</b>	35%	35%	35%

Children at risk for diarrhea

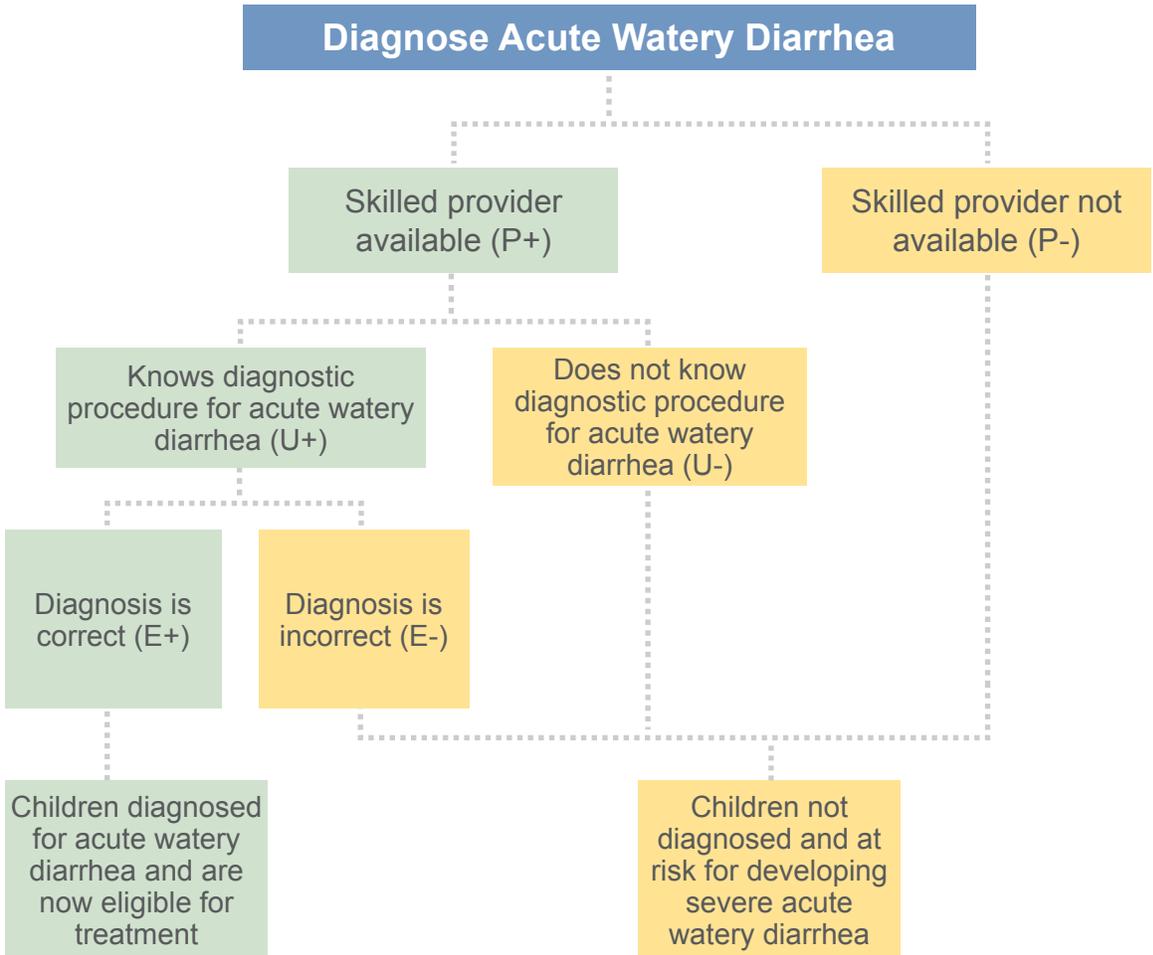
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	99%	99%	99%
<b>Utilization</b>	40%	40%	40%
<b>Efficacy</b>	35%	35%	35%

Children who have acute watery diarrhea

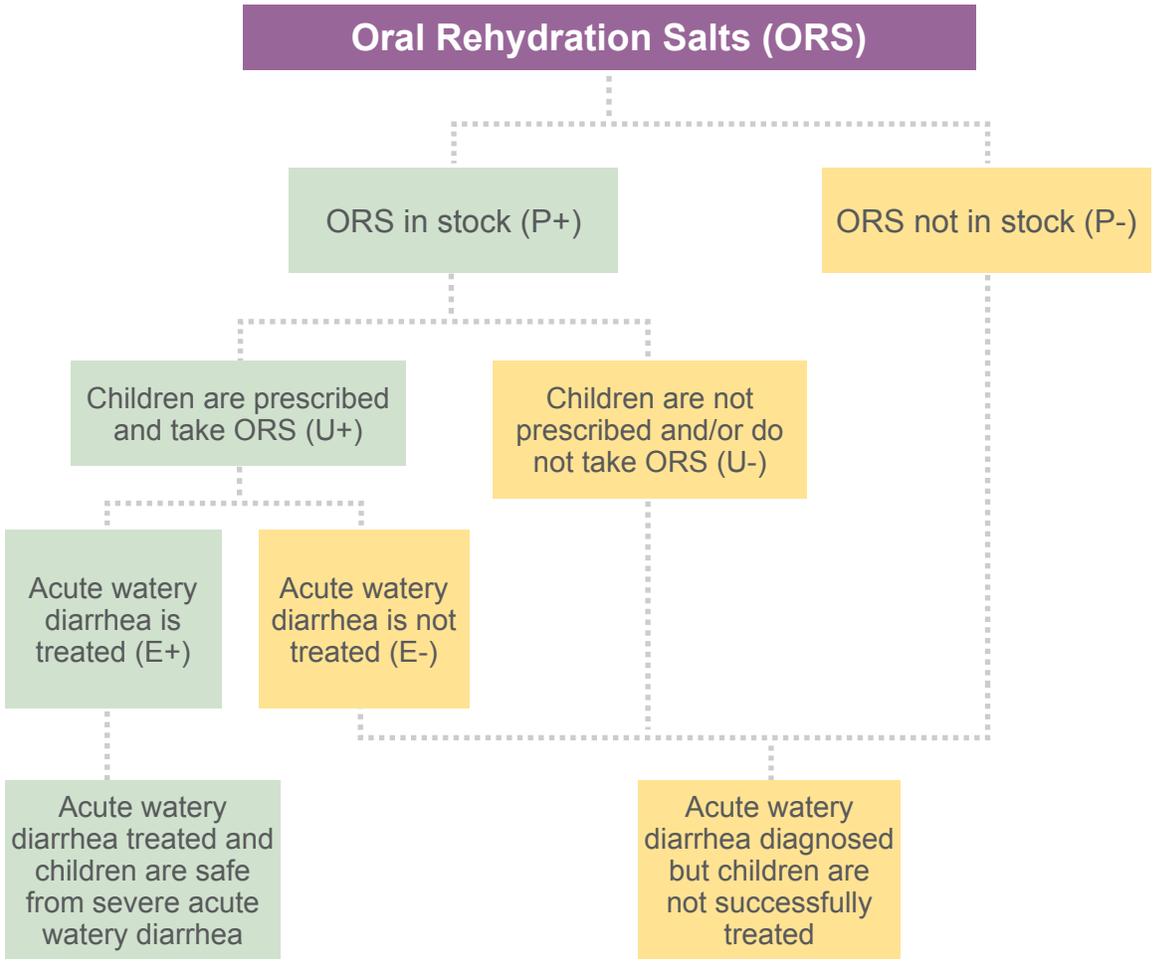
INTERVENTION  
 PENETRATION  
 UTILIZATION  
 EFFICACY  
 OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	99%	99%	99%
<b>Utilization</b>	85%	90%	40%
<b>Efficacy</b>	90%	90%	90%

Children diagnosed with acute watery diarrhea and eligible for treatment

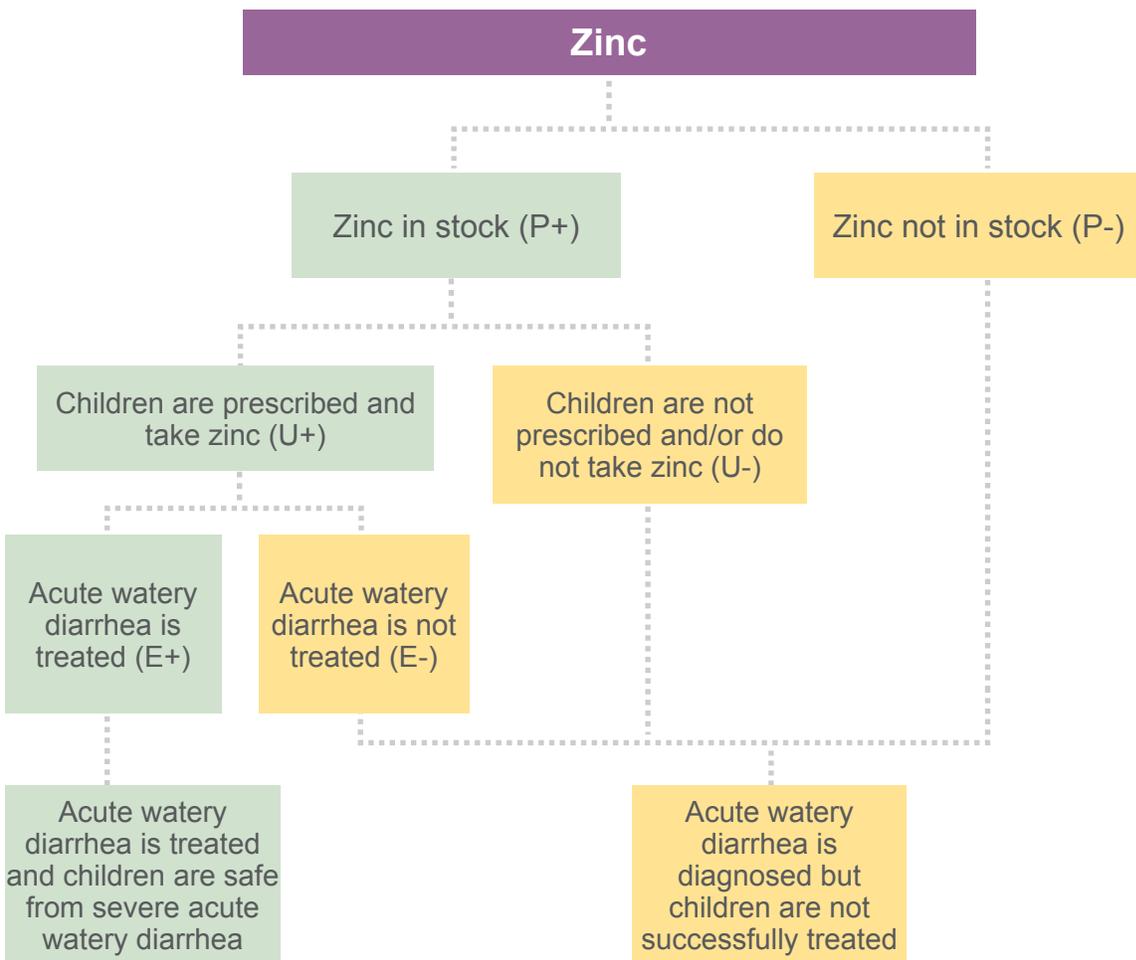
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	30%	25%	95%
<b>Utilization</b>	25%	50%	0%
<b>Efficacy</b>	95%	95%	95%

Children diagnosed with acute watery diarrhea and eligible for treatment

INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES

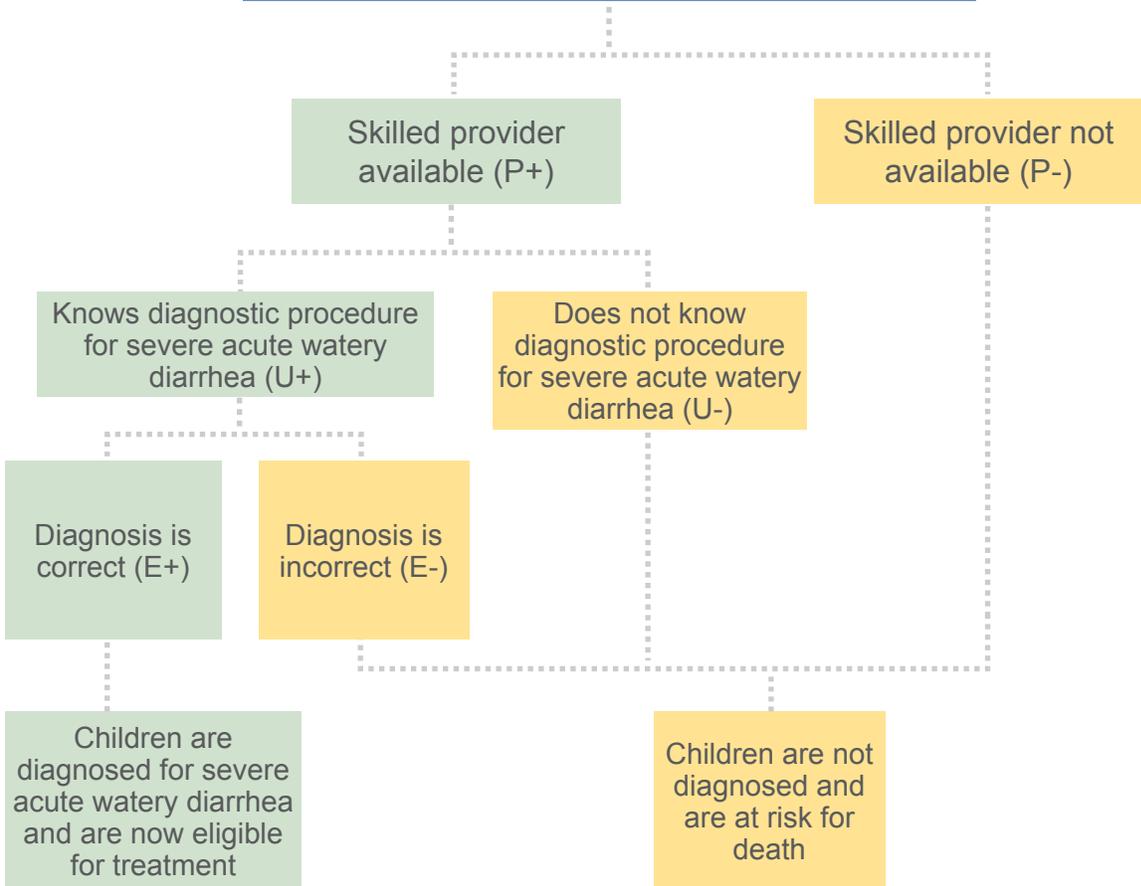


	ASHA	RMP	Public
<b>Penetration</b>	10%	5%	95%
<b>Utilization</b>	0%	0%	15%
<b>Efficacy</b>	20%	20%	20%

Children not diagnosed or not effectively treated for acute watery diarrhea that progresses to severe acute watery diarrhea

INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES

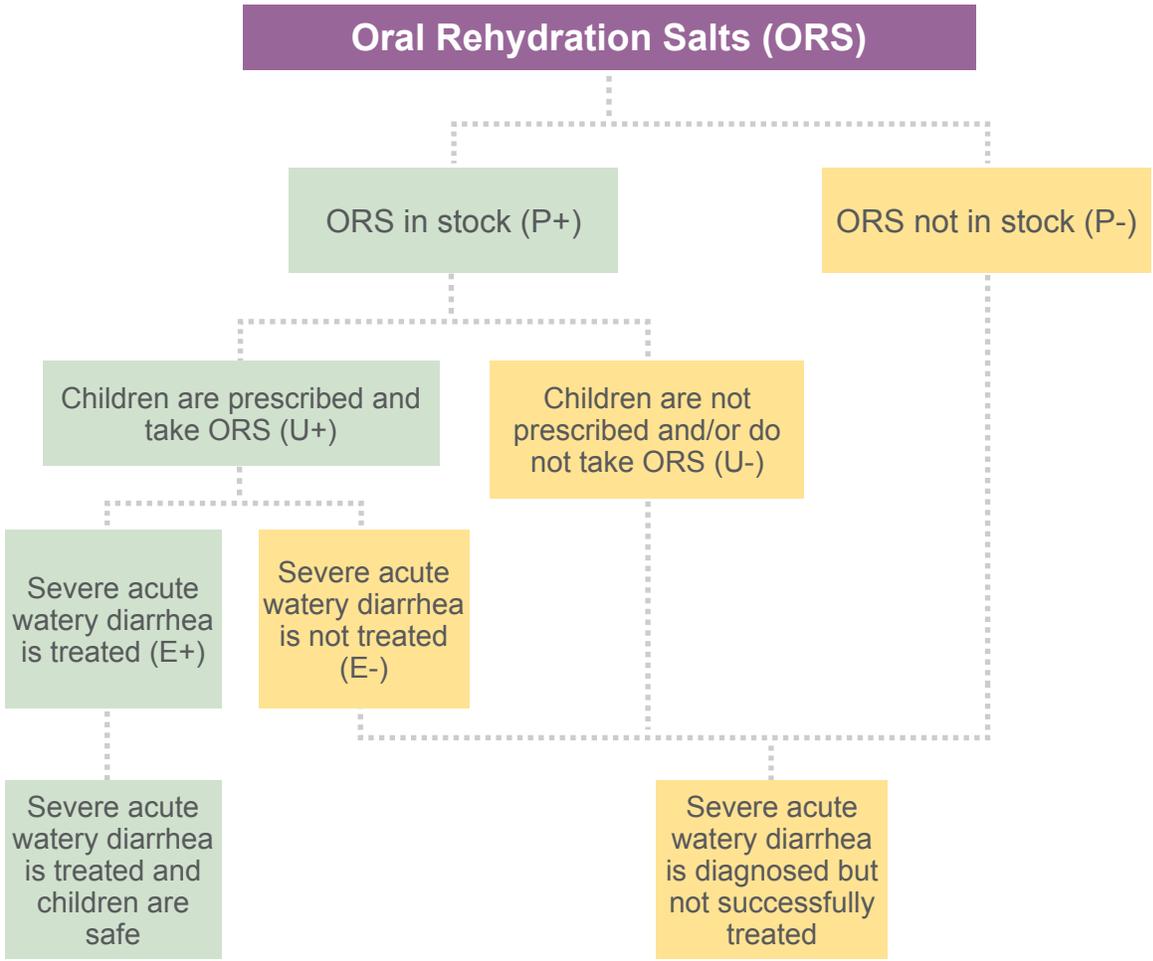
### Diagnose Severe Acute Watery Diarrhea



	ASHA	RMP	Public
<b>Penetration</b>	99%	99%	99%
<b>Utilization</b>	30%	35%	30%
<b>Efficacy</b>	85%	85%	85%

Children diagnosed with severe acute watery diarrhea and eligible for treatment

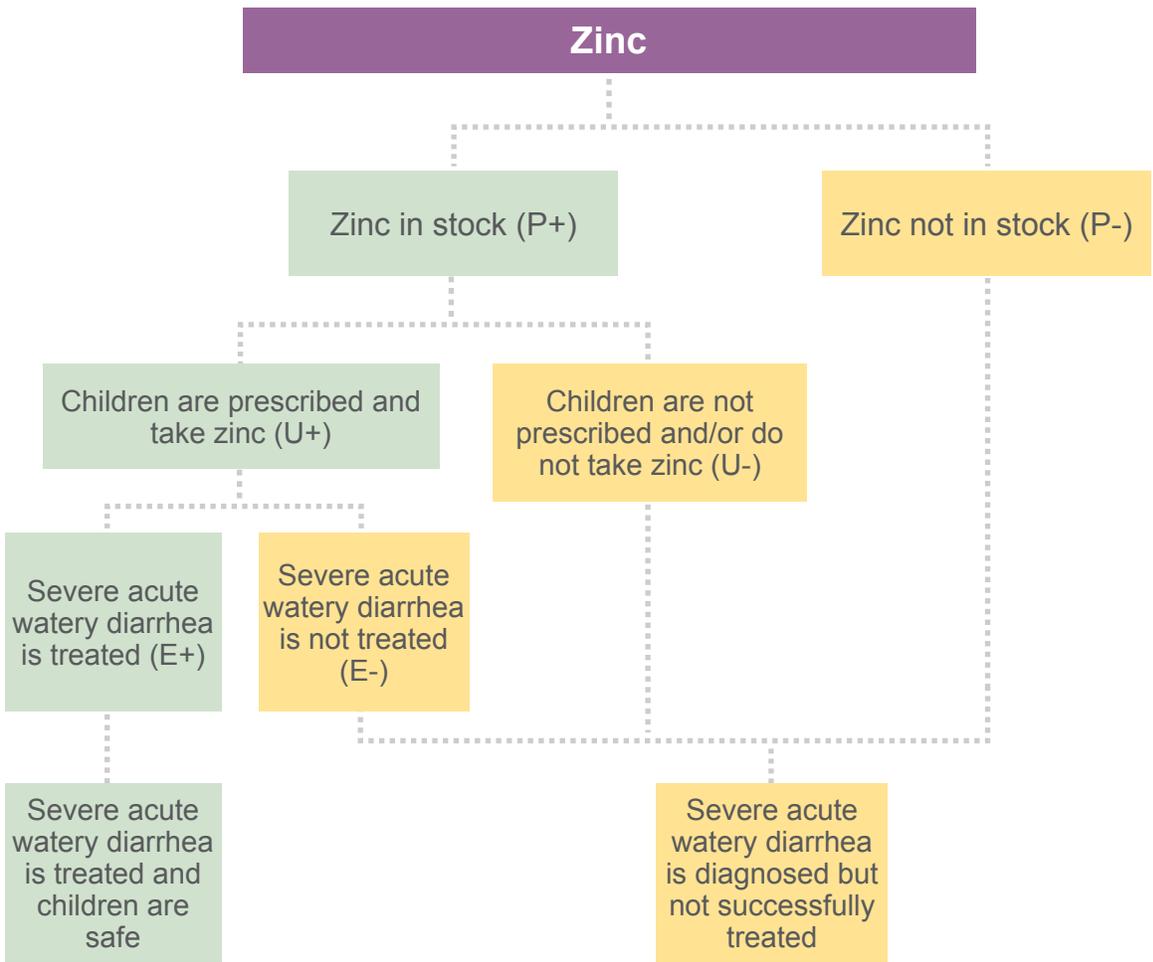
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	30%	25%	95%
<b>Utilization</b>	25%	50%	0%
<b>Efficacy</b>	75%	75%	75%

Children diagnosed with severe acute watery diarrhea and eligible for treatment

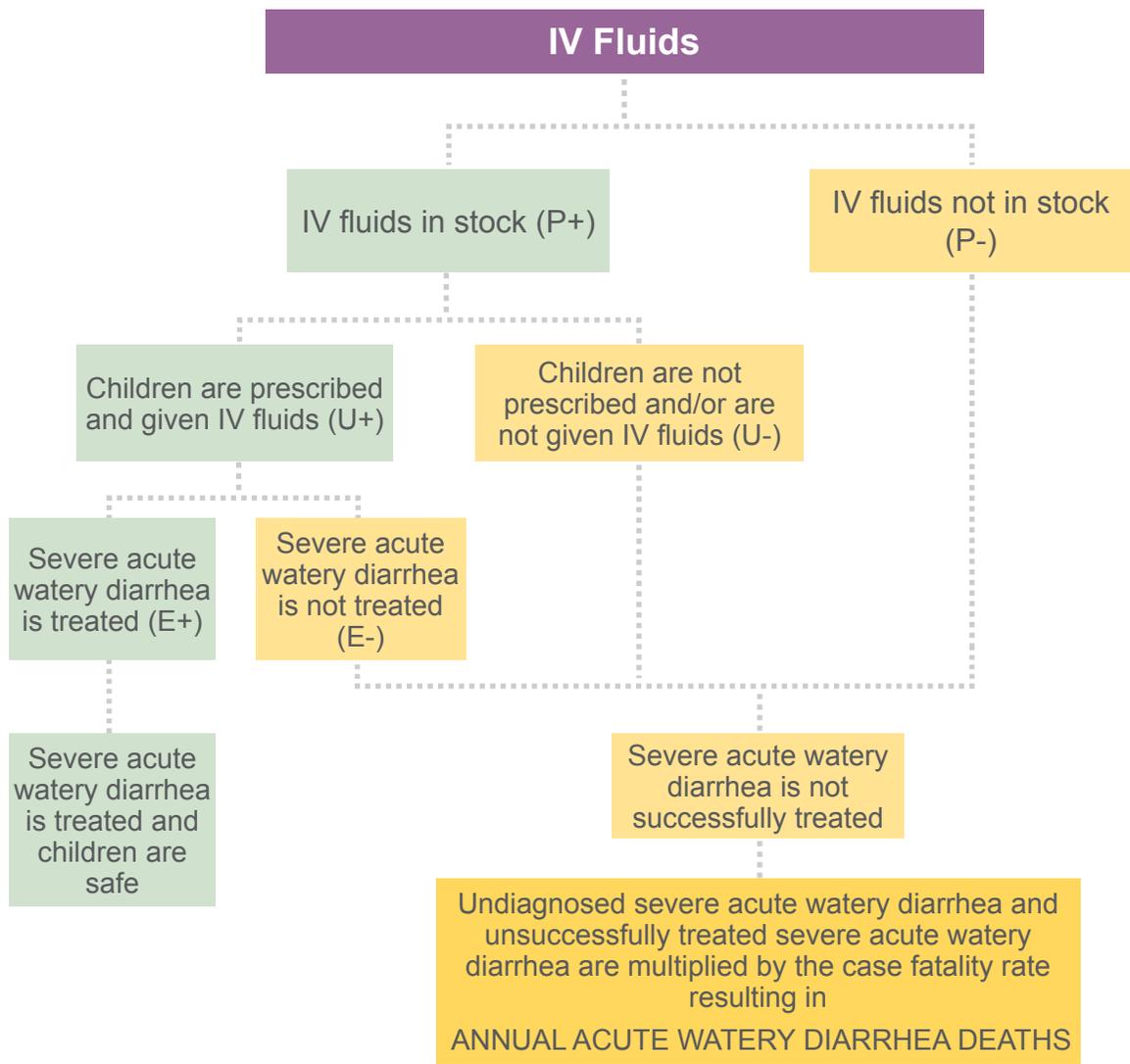
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	10%	5%	95%
<b>Utilization</b>	0%	0%	15%
<b>Efficacy</b>	10%	10%	10%

Children diagnosed with severe acute watery diarrhea and eligible for treatment

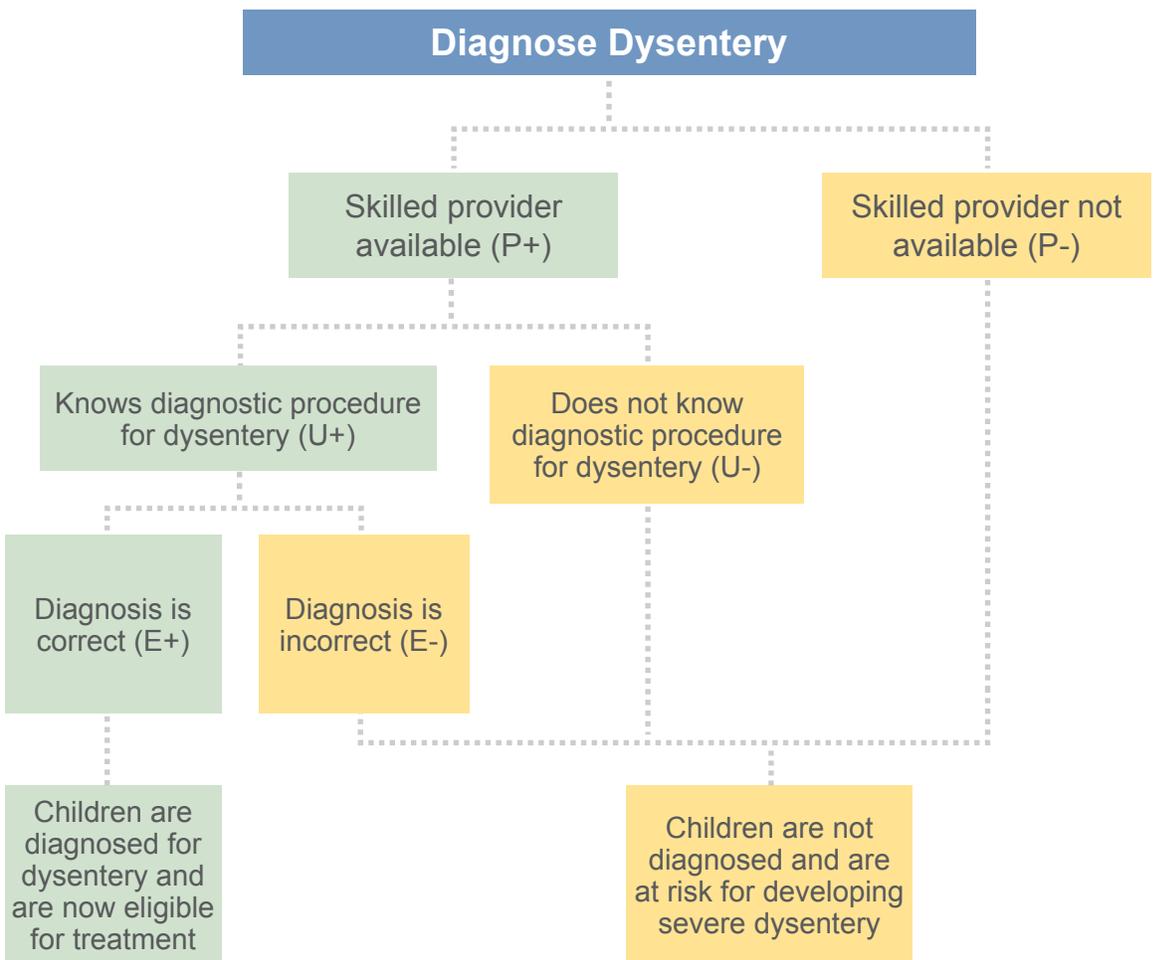
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	0%	0%	99%
<b>Utilization</b>	0%	0%	0%
<b>Efficacy</b>	95%	95%	95%

Children who have dysentery

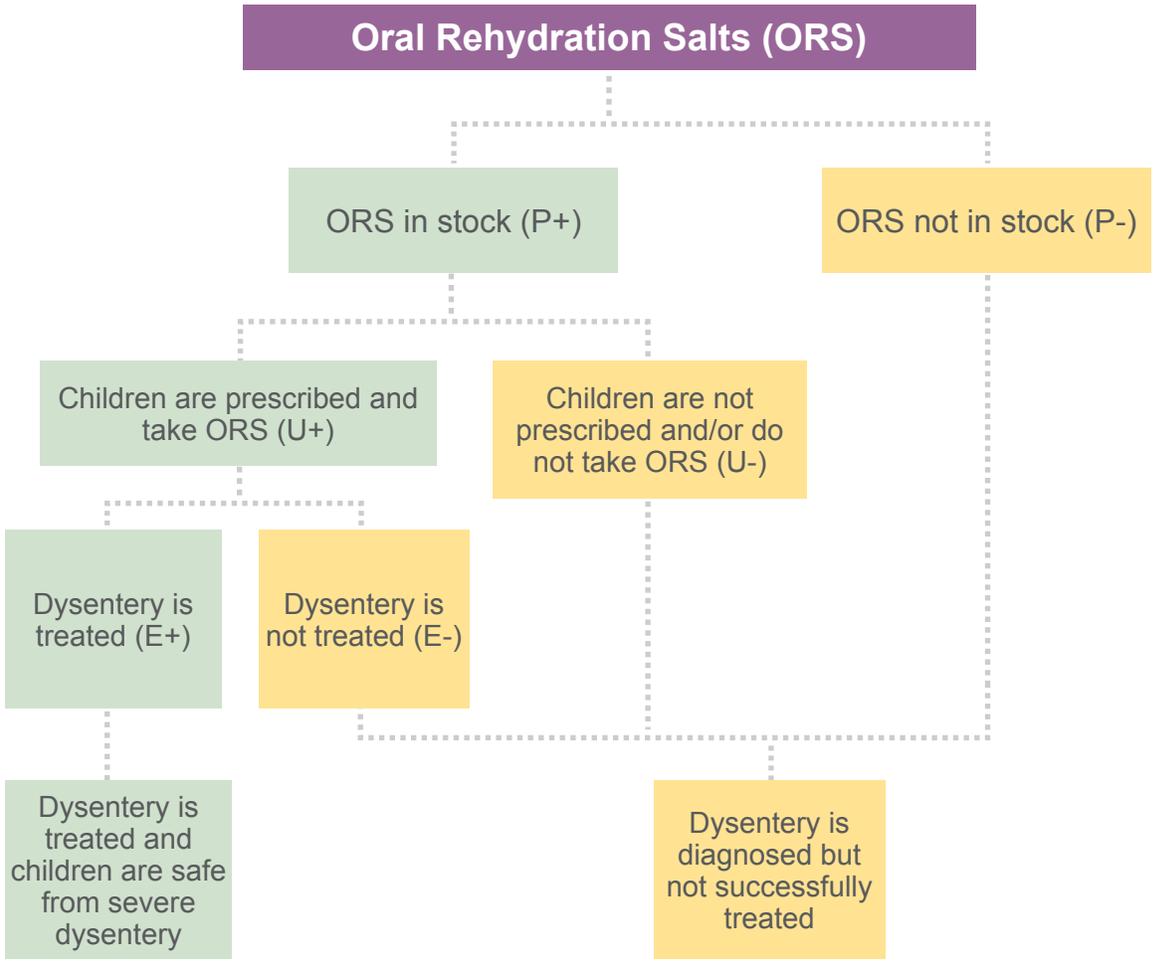
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	99%	99%	99%
<b>Utilization</b>	85%	90%	40%
<b>Efficacy</b>	90%	90%	90%

Children diagnosed with dysentery and eligible for treatment

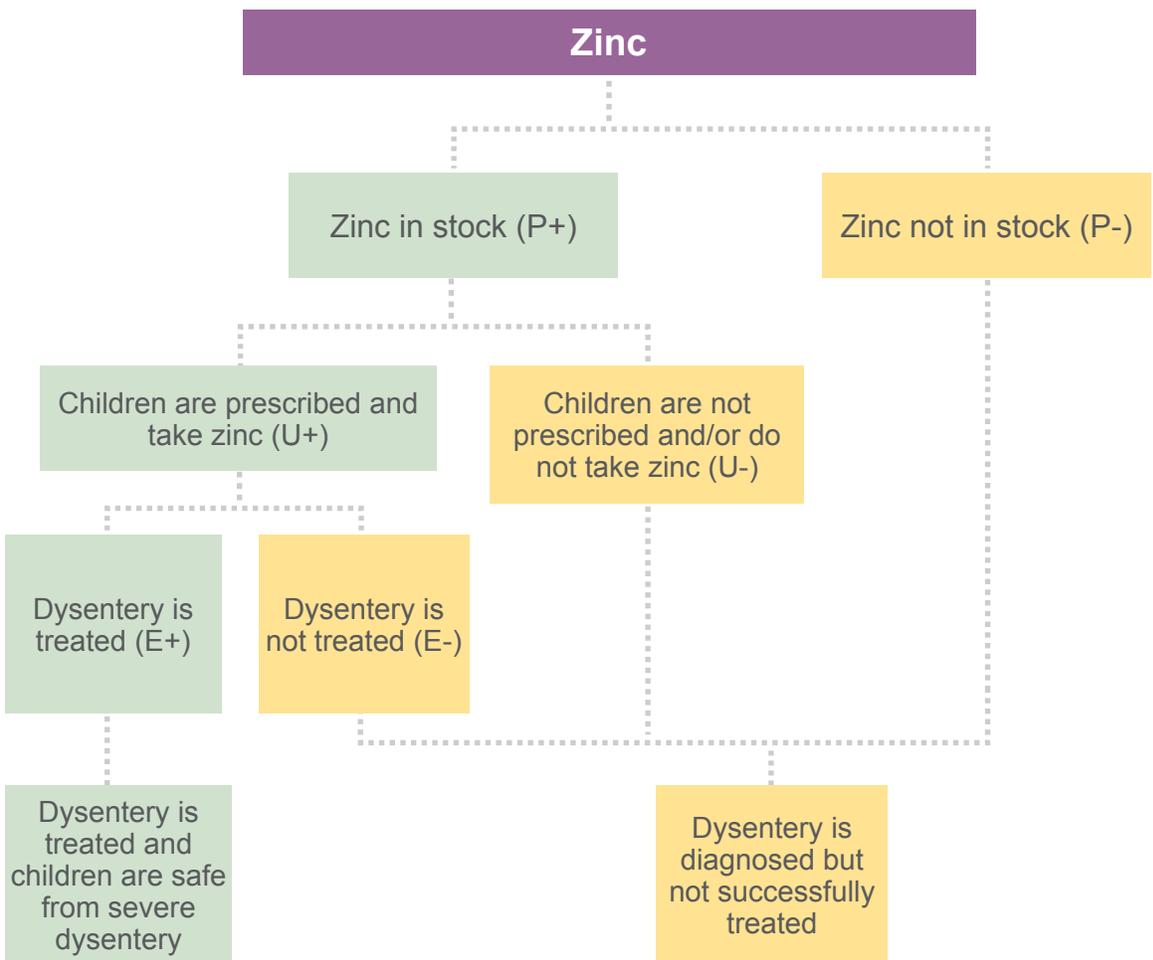
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	30%	25%	95%
<b>Utilization</b>	25%	50%	0%
<b>Efficacy</b>	95%	95%	95%

Children diagnosed with dysentery and eligible for treatment

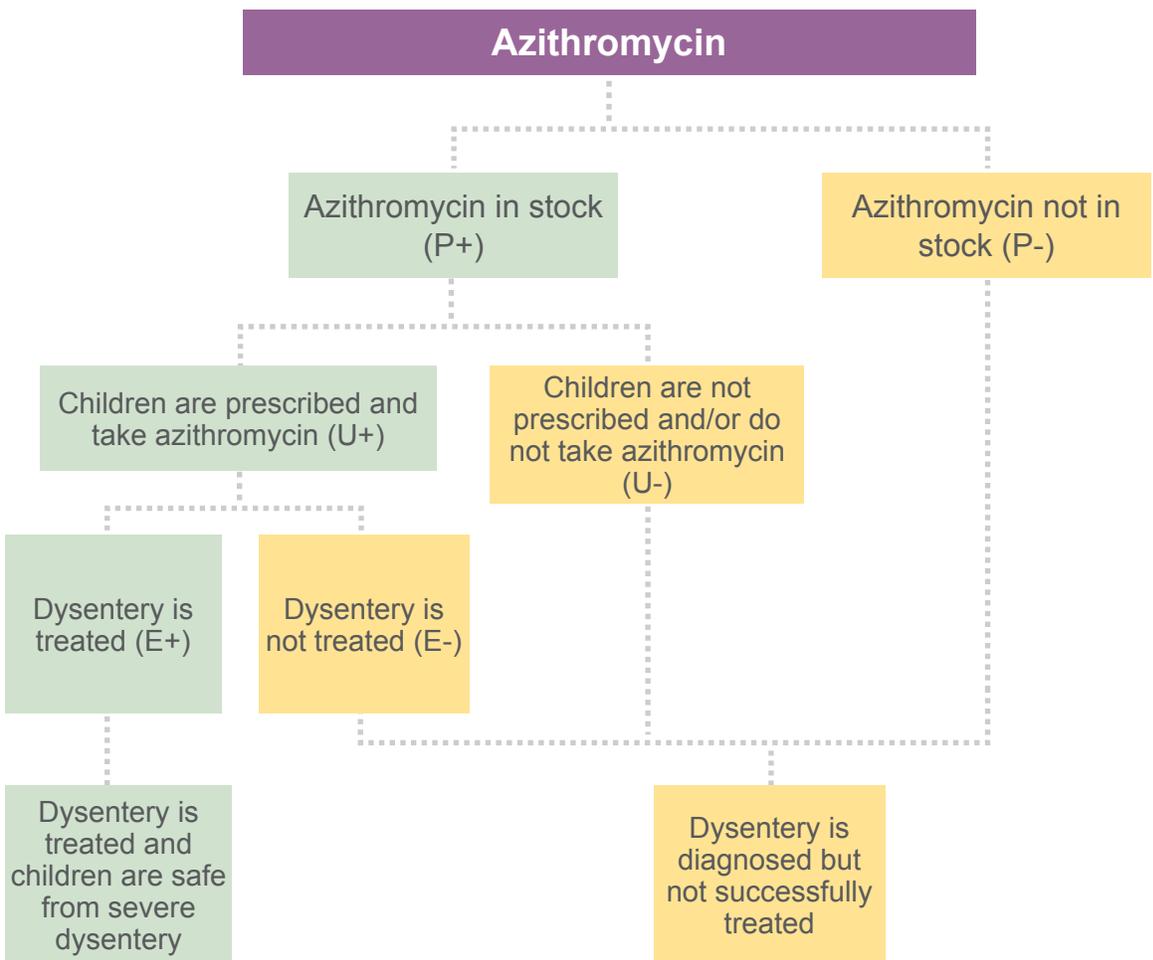
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	10%	5%	95%
<b>Utilization</b>	0%	0%	15%
<b>Efficacy</b>	20%	20%	20%

Children diagnosed with dysentery and eligible for treatment

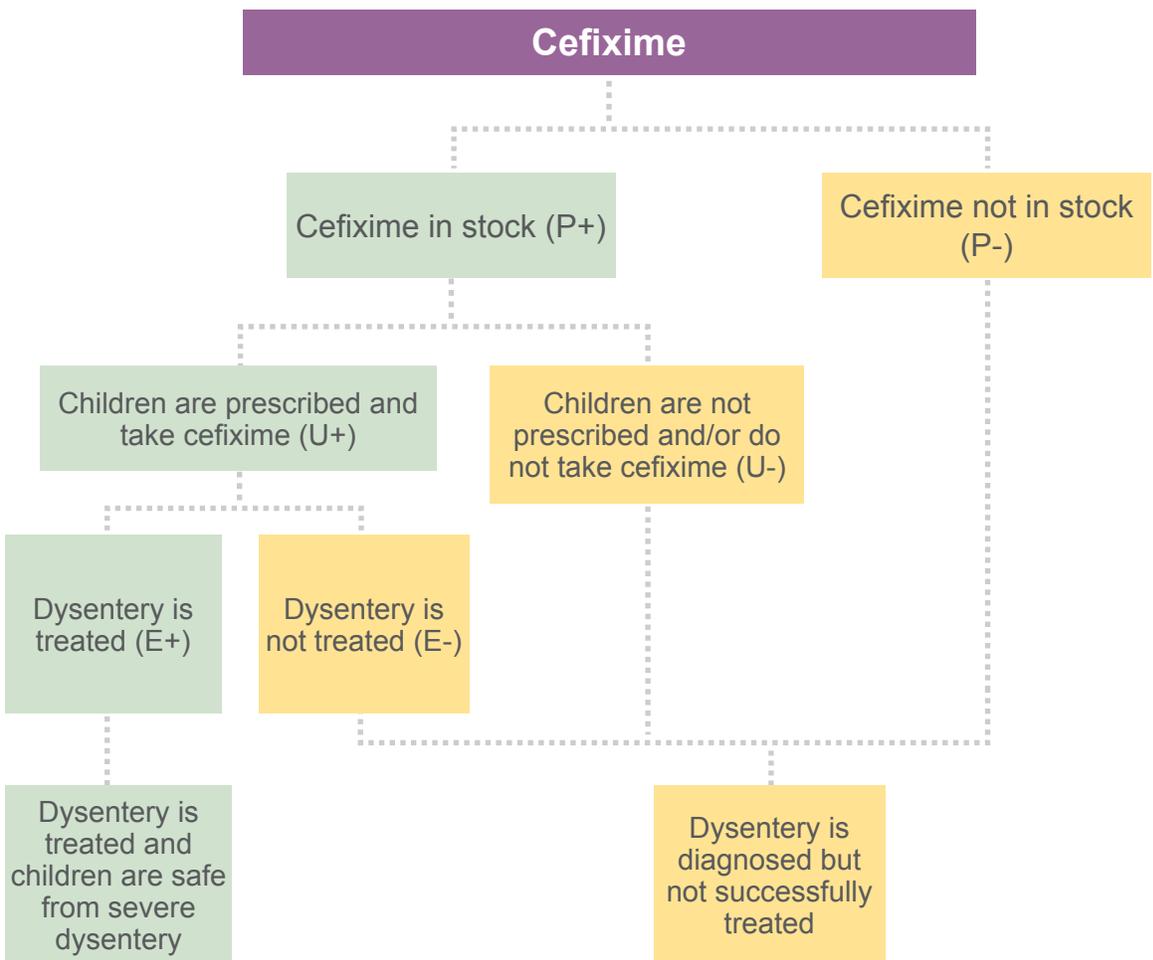
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	0%	0%	95%
<b>Utilization</b>	0%	0%	5%
<b>Efficacy</b>	95%	95%	95%

Children diagnosed with dysentery and eligible for treatment

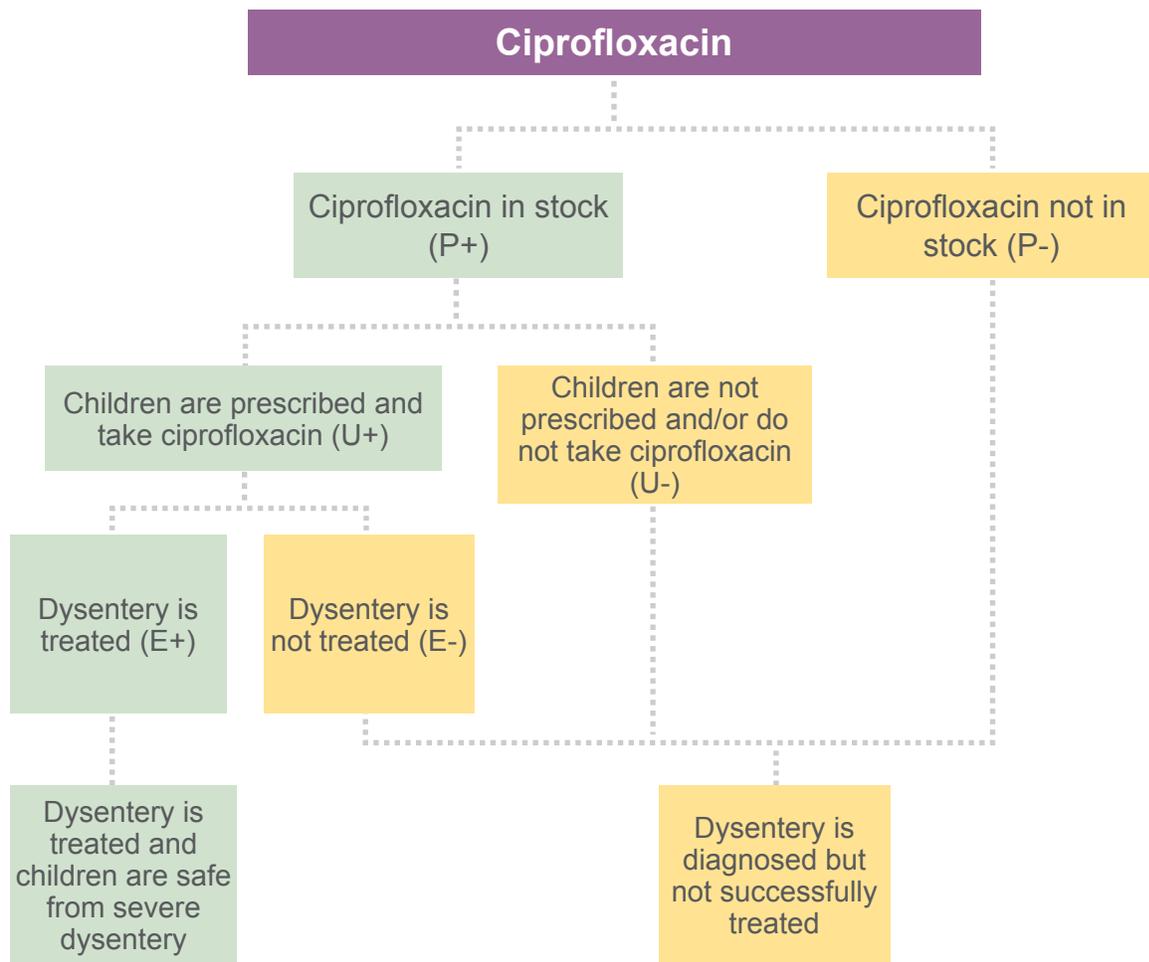
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	0%	20%	95%
<b>Utilization</b>	0%	10%	5%
<b>Efficacy</b>	85%	85%	85%

Children diagnosed with dysentery and eligible for treatment

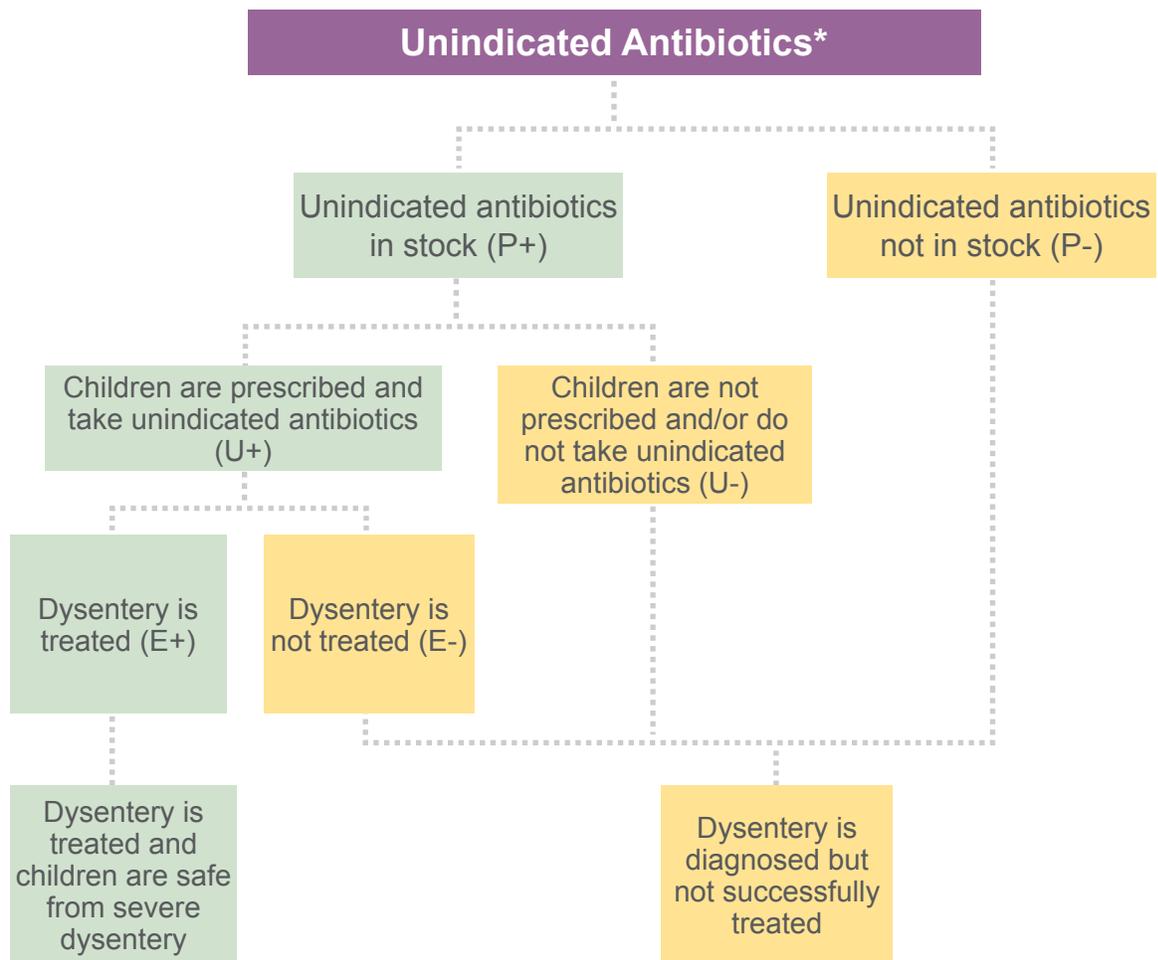
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	0%	5%	95%
<b>Utilization</b>	0%	5%	25%
<b>Efficacy</b>	45%	45%	45%

Children diagnosed with dysentery and eligible for treatment

INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



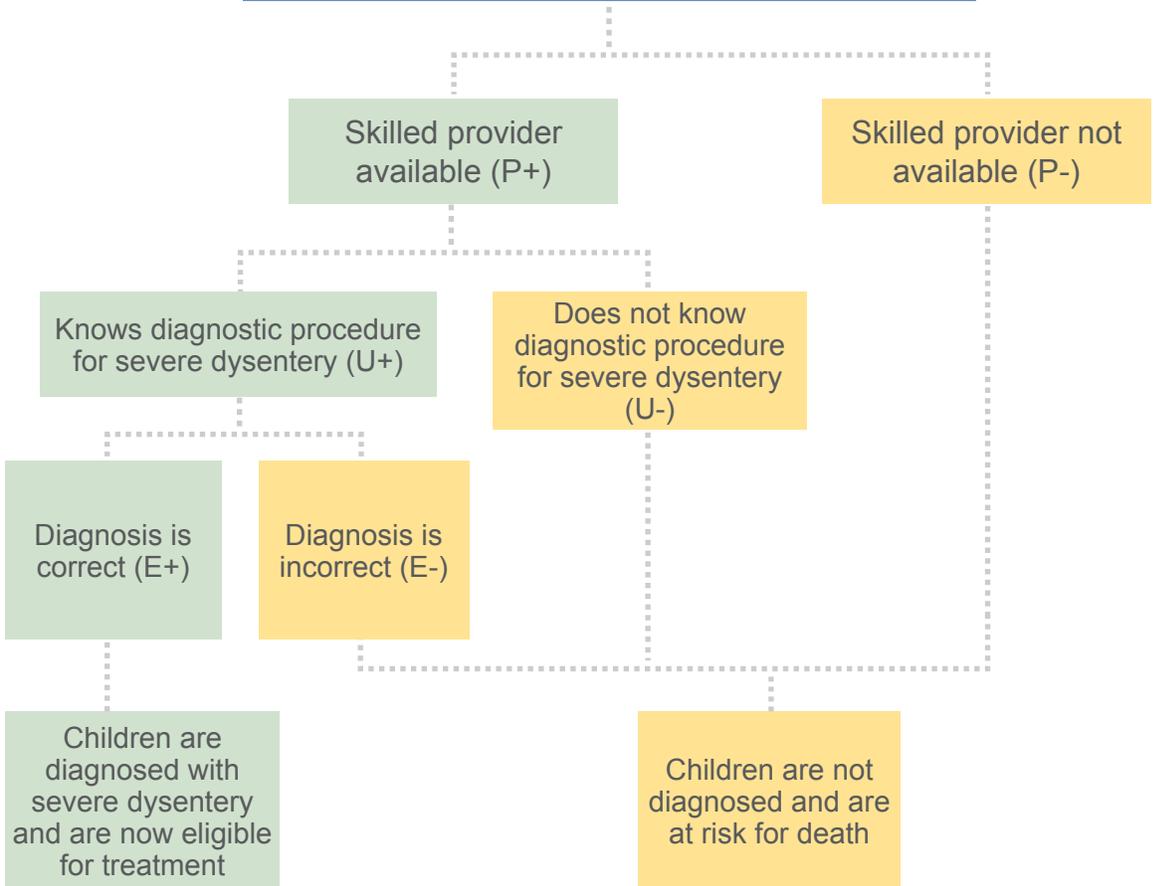
	ASHA	RMP	Public
<b>Penetration</b>	0%	30%	95%
<b>Utilization</b>	0%	40%	60%
<b>Efficacy</b>	50%	50%	50%

\*Unindicated antibiotics are antibiotics that are not designated for dysentery; however, they may still have some treatment efficacy.

Children not diagnosed or not effectively treated for dysentery that progresses to severe dysentery

INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES

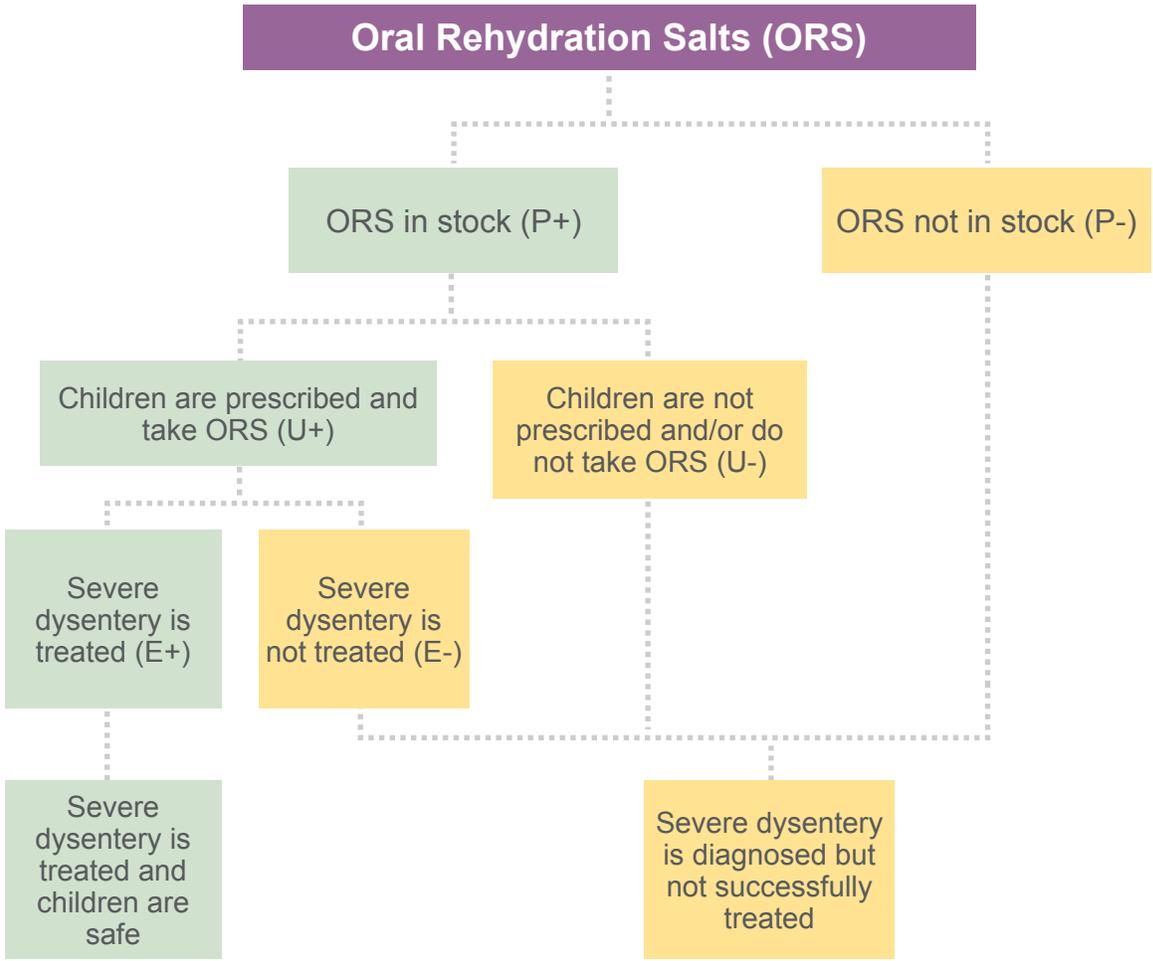
### Diagnose Severe Dysentery



	ASHA	RMP	Public
<b>Penetration</b>	99%	99%	99%
<b>Utilization</b>	30%	35%	30%
<b>Efficacy</b>	85%	85%	85%

Children diagnosed with severe dysentery and eligible for treatment

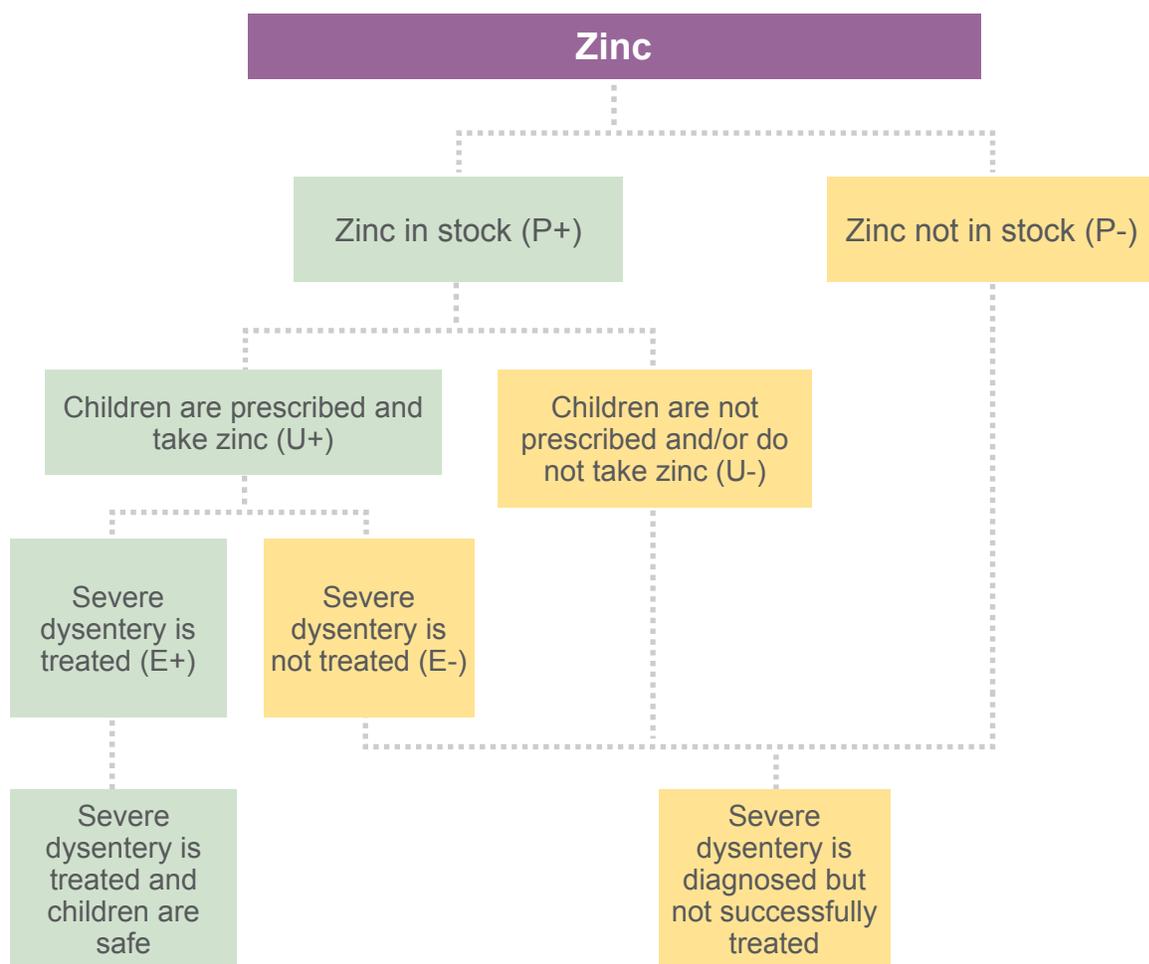
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	30%	25%	95%
<b>Utilization</b>	25%	50%	0%
<b>Efficacy</b>	75%	75%	75%

Children diagnosed with severe dysentery and eligible for treatment

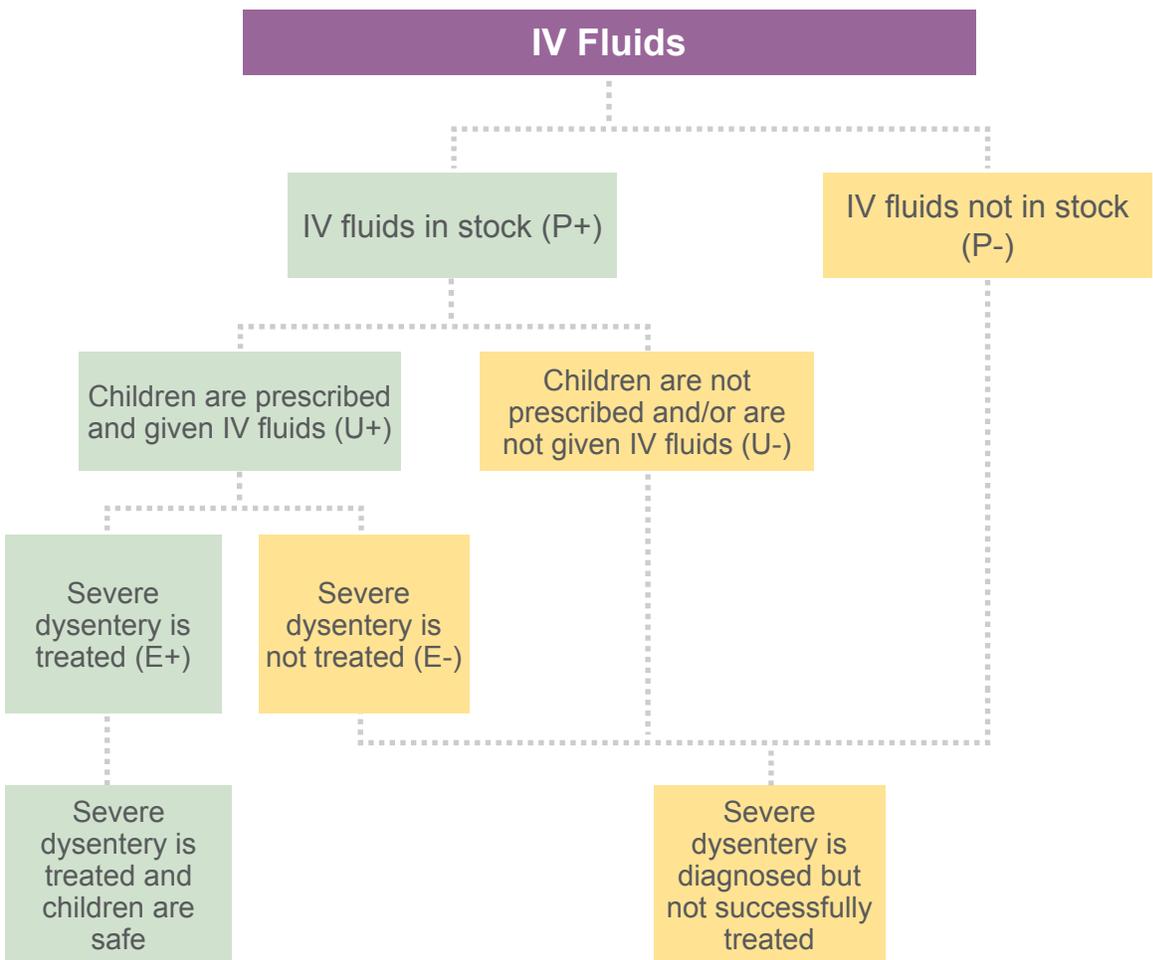
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	10%	5%	95%
<b>Utilization</b>	0%	0%	15%
<b>Efficacy</b>	10%	10%	10%

Children diagnosed with severe dysentery and eligible for treatment

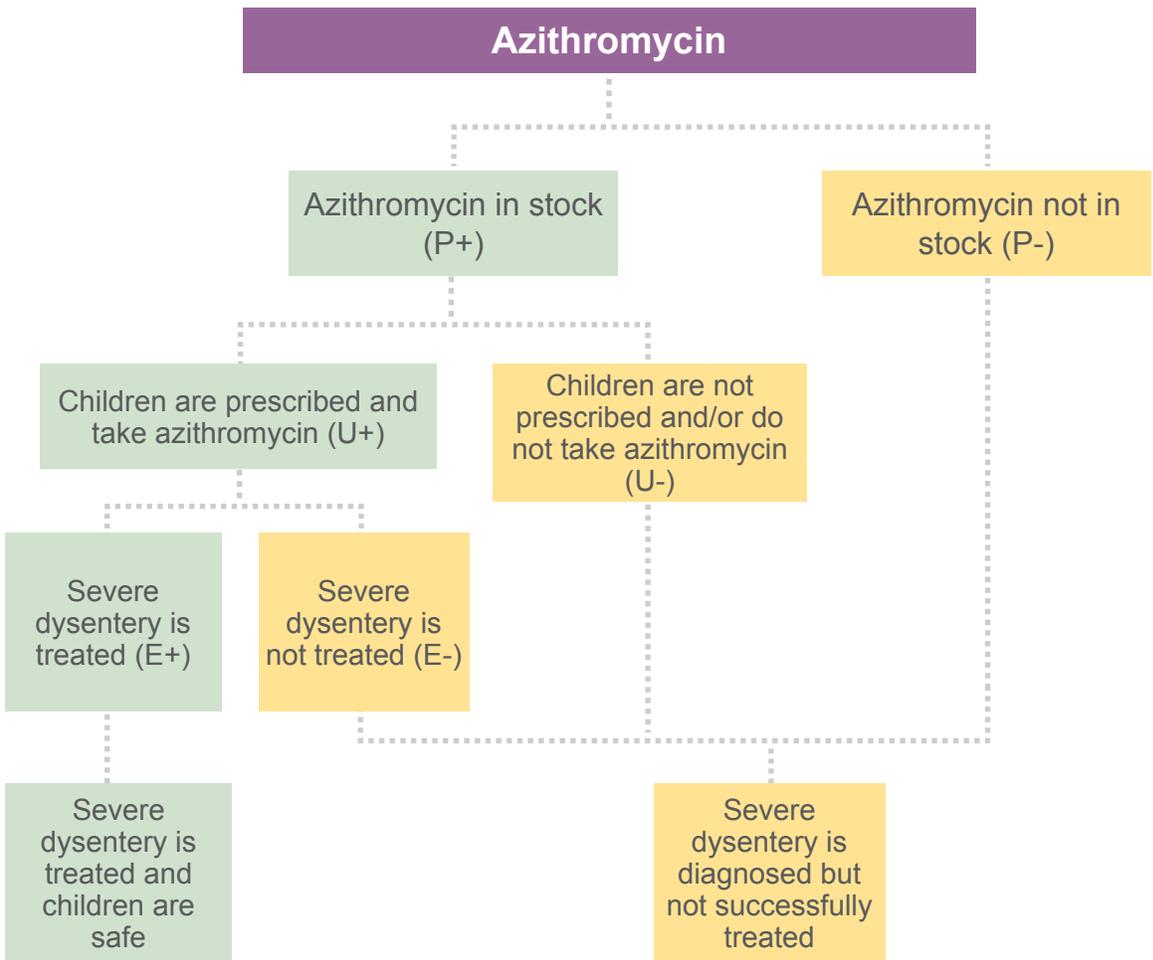
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	0%	0%	99%
<b>Utilization</b>	0%	0%	0%
<b>Efficacy</b>	95%	95%	95%

Children diagnosed with severe dysentery and eligible for treatment

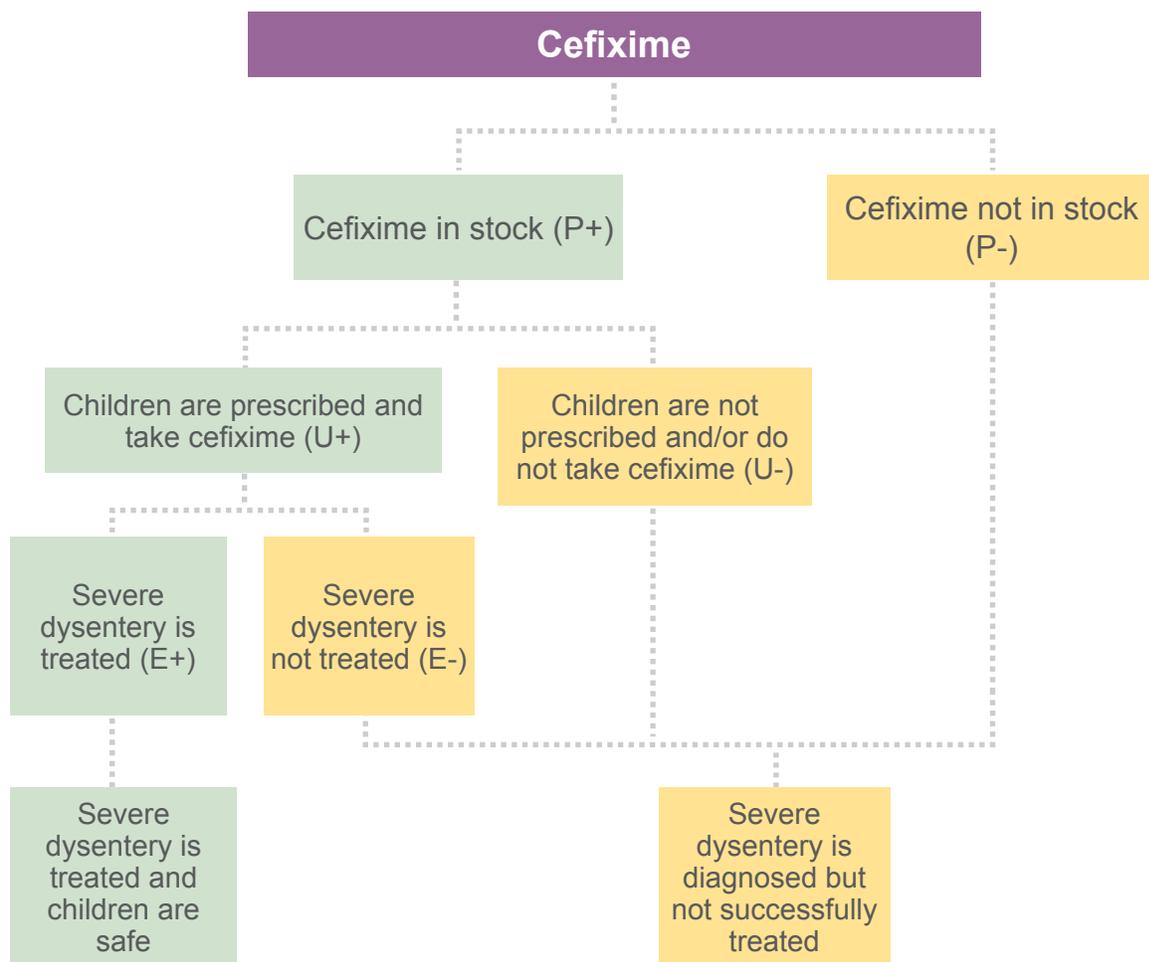
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	0%	0%	95%
<b>Utilization</b>	0%	0%	5%
<b>Efficacy</b>	95%	95%	95%

Children diagnosed with severe dysentery and eligible for treatment

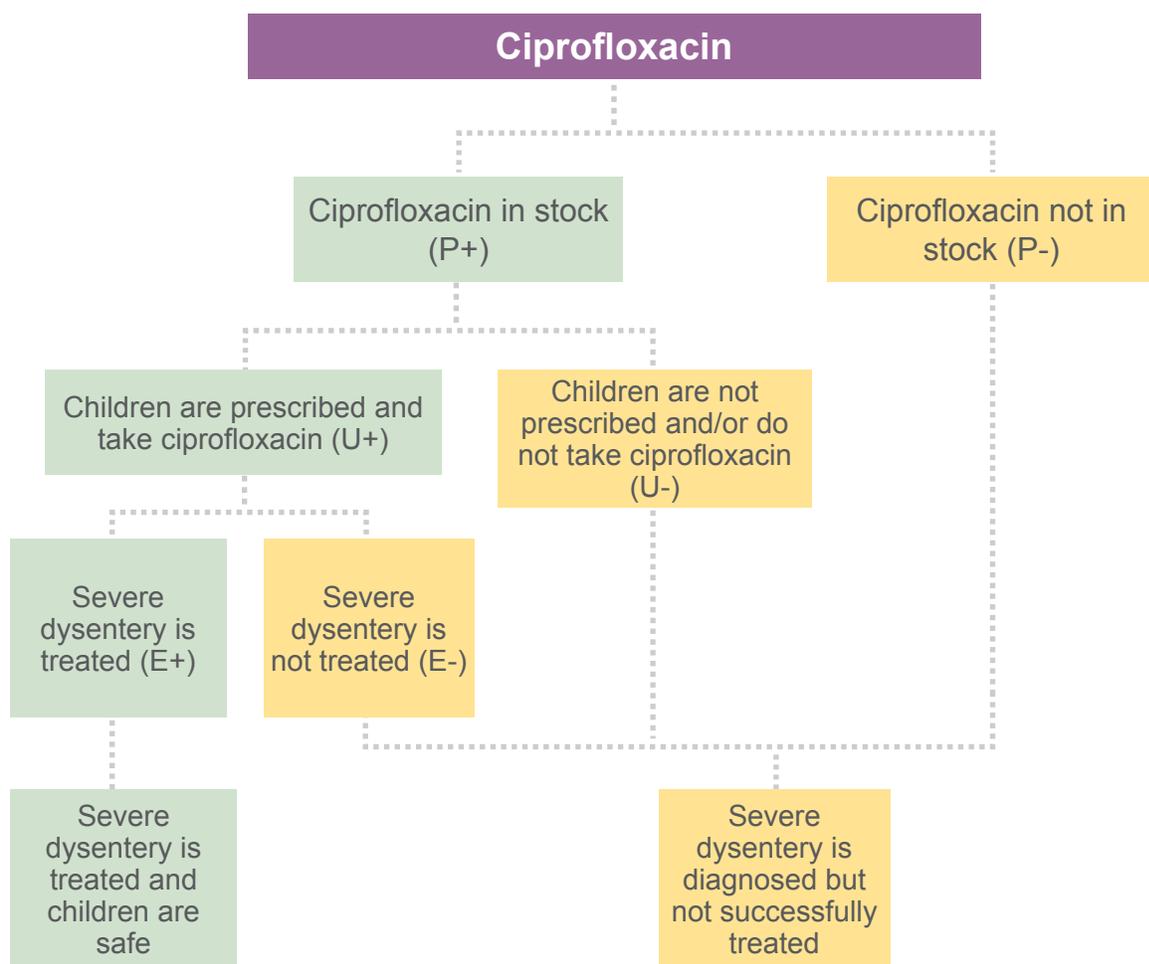
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	0%	20%	95%
<b>Utilization</b>	0%	10%	5%
<b>Efficacy</b>	85%	85%	85%

Children diagnosed with severe dysentery and eligible for treatment

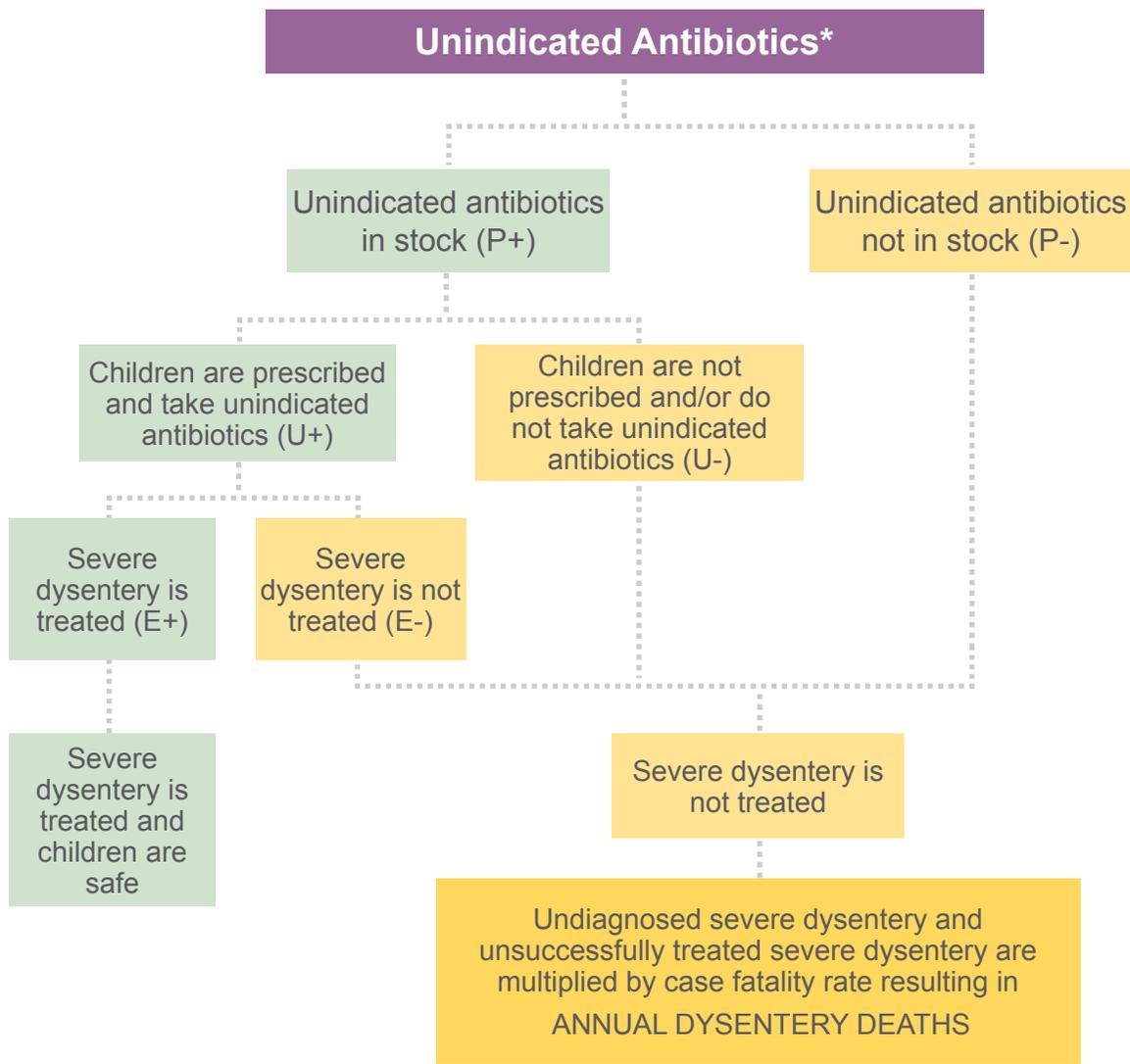
INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	0%	5%	95%
<b>Utilization</b>	0%	5%	25%
<b>Efficacy</b>	45%	45%	45%

Children diagnosed with severe dysentery and eligible for treatment

INTERVENTION  
PENETRATION  
UTILIZATION  
EFFICACY  
OUTCOMES



	ASHA	RMP	Public
<b>Penetration</b>	0%	30%	95%
<b>Utilization</b>	0%	40%	60%
<b>Efficacy</b>	50%	50%	50%

\*Unindicated antibiotics are antibiotics that are not designated for severe dysentery; however, they may still have some treatment efficacy.