


LUCKNOW ACADEMY OF PEDIATRICS




O.R.S. DAY & WEEK CELEBRATION 2018

From 25th to 31st July 2018

ORS DAY - 29th July 2018

"ORS-ORS ALL THA DAY, KEEPS DEHYDRATION AT BAY"



Misuse of Antibiotics in Diarrhea

Although there are numerous treatment guidelines, such as the manual issued by the World Health Organization, the management of this disease is often suboptimal. The use of antibiotics has repeatedly proven to be a main concern and the guidelines generally recommend that their use should be restricted, as they are not necessary for the adequate treatment of diarrhoea. **Indications for antibiotics in diarrhea are dysentery, cholera and children with severe PEM.** However, adherence to guidelines is often lacking, which is reflected in repeated reports of the misuse of antibiotics for treating diarrhoea. The consequences are unnecessary harm to the patient and acceleration in the development of antibiotic resistance. There are some surveys whose findings have pointed towards over-prescribing by physicians, as well as misuse and a high proportion of self-medication in the population. Studies have shown that 70% received antibiotics at some point during the hospitalisation period. On OPD basis around 48% of the children had been given antibiotics during the seven days before admission and 28% without a prescription from a physician.

<i>Reasons for giving antibiotics</i>			<i>Indicating the type of unprescribed antibiotics used for episodes of diarrhea</i>		
	Frequency	Percent		Frequency <i>n</i> = 98	Percent
<i>n = 98</i>					
Available over-the-counter without prescription	28	28.6	Metronidazole (Flagyl)	70	71.4
Cheaper	1	1.0	Amoxil	7	7.1
Efficacious	31	31.6	Septin	3	3.1
Neighbor's suggestion	22	22.4	Flagyl/Amoxil	11	11.2
Neighbor's suggestion efficacious	1	1.0	Flagyl/Septin	4	4.1
Neighbor's suggestion cheaper	1	1.0	Amoxil/Septin	1	1.0
Neighbor's suggestion available over-the-counter	3	3.1	Others	2	2.1
Efficacious/cheaper	2	2.0			
Available over-the-counter and efficacious	2	2.0			
Available over-the-counter and cheaper	2	2.0			
Others	5	5.1			

Two main improvement targets that have been identified to stop this malpractice are: encouraging physicians to strictly adhere to the treatment guidelines and providing the general population with information on when antibiotics that are bought over the counter should be used.

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LAP Doctors spreading the message of Use of ORS to one and all