

(2003/2/15 2002/8/5)

Coagulase Negative Staphylococci

42-15 120 (%13.3) (CNS)

CNS

(%10)

Staphylococcus saprophyticus

.

(0.8) (%2.5) *S. xylosus* , *S. epidermidis*

Study on Bacterial Species of Coagulase Negative Staphylococci Isolated from Urinary Tract of Maturated Infected Females in Mosul City.

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ABSTRSCT

Coagulase Negative Staphylococci (CNS) was isolated from 16 out of 120 (13.3%) female urine samples of the age group (15-42 years) with urinary tract infection. Three different CNS species were diagnosed using number of physiological and biochemical tests.

The most prevailing CNS species were found to be *Staphylococcus saprophyticus* (10%), while *S. epidermidis* and *S. xylosus* were 2.5% and 0.8% respectively.

Coagulase Negative Staphylococci (CNS)

Staphylococcus aureus

CNS (Smith et al., 1958)

Endocarditis

Prosthetic Valve Endocarditis (PVS)

Native Valve Endocarditis (NVE)

(Bowman and Buck, 1984)

Osteomyelitis

Sexually

CNS

active females

Hedman and Ringertz, 1991, Gregson et al., 1988,) (40-13)

(Schneider and Riley, 1996

Dysuria .(Tolaymat and Al-Jayousi, 1991)

CNS

Staphylococcus saprophyticus

CNS

(Lee et al., 1987) *Escherichia coli*

Lee et al.,1987)

S. saprophyticus

CNS

(Golledge, 1988

.(Hedman et al., 1991)

CNS

:

(92)

(28)

(120)

(42-15)

Clean-Catch Midstream urine

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.(Vandepitte et al., 1991)

Mannitol salt agar

24 37

(Kloos and Schleifer, 1975, Sneath et al., 1986)

. 42 15

:Samples and Diagnosis 1.4

(16) (120) (%13.3)

.(1) (Kloos and Schleifer, 1975; Sneath et al., 1986) :

(%10) (0.8%) *S. xylosum, S.epidermidis, S. Saprophyticus* : CNS
 .(2) (%2.5)

5 pus cells
 (6) / 10 /

Pyuria

Haematuria

.(Brooks et al., 1998)

/ 10⁵ Significant bacteriuria
 300 / 10⁵ (Sleigh and Timbury, 1983)

.(Sleigh and Timbury, 1983)

CNS

:1

<i>S. xylosus</i>	<i>S. Saprophyticus</i>	<i>S.epidermidis</i>	
+	+	+	
+	+	+	
-	-	-	
-	-	-	
+	+	+	
+	+	W	%10
+	+	-	%15
+	+	-	15
-	+	+	45
+	-	-	
+	+	+	
+	+	+	
+	+	-	
+	+	+	
+	-	+	
+	+	D	
+	-	-	
-	-	+	
-	D	-	
+	+	+	
+	-	+	
+	-	+	
-	-	-	
-	-	-	

Different

:D

Weak reaction

:W

CNS

:2

%10	12	<i>S. Saprophyticus</i>
%2.5	3	<i>S.epidermidis</i>
%0.8	1	<i>S. xylosus</i>
%13.3	16	

.....

(Kloos and Schleifer, 1975)

Api system

CNS

(Gatermann et al., 1993)

%10

S. saprophyticus

.(Gillespie et al., 1978)

(%37.39)

S. saprophyticus

(1990)

/ 10^5

CNS

(1985) Naumann Schmidt

(%7.5)

S. epidermidis

.(Schneider and Riley, 1996) (%15.2)

(Marrie et al., 1982)

(Miller and Keane, 1983) (Ascending infection)

(21-15)

CNS

(3)

(%0.83 %3.33 %2.50)

2,3,4

(%6.66)

S. saprophyticus

.(Schneider and Riley, 1996)

(10-30%)

(4)

(Svanborg and Godaly, 1996)

(1998)

(%2.17)

UTI

CNS

(%10.8)

(1996) Riley Schneider

(5)

(%6.5)

S.saprophyticus

.(%15.2)

CNS :3

CNS (%)	<i>S. xylosus</i>	<i>S. epidermidis</i>	<i>S. saprophyticus</i>		()	
(%6.66) 8	1	2	5	44	21-15	1
(%2.50) 3	0	0	3	28	28-22	2
(%3.33) 4	0	1	3	32	35-29	3
(%0.83) 1	0	0	1	16	42-36	4
(%13.33) 16	1	3	12	120		

S. xylosus, S. epidermidis, S. saprophyticus : CNS

CNS :4

CNS (%)	<i>S. xylosus</i>	<i>S. epidermidis</i>	<i>S. saprophyticus</i>		
(%10) 12	1	2	9	92	
(%3.3) 4	0	1	3	28	
(%13.3) 16	1	3	12	120	

.()

CNS :5

CNS (%)	<i>S. xylosus</i>	<i>S. epidermidis</i>	<i>S. saprophyticus</i>		
(%2.17) 2	0	0	2	25	
(%10.86) 10	1	2	7	67	
(%13.03) 12	1	2	9	92	

.1990

.1998

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