

Table 12.1: Incidence of Vascular Access Infection, HD patients 1997-2002

<b>Year</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>
No of patients	1697	2142	2998	4395	5196	5674
Incidence of Vascular Access Infection No. (%)	29 (1.71)	21 (0.98)	34 (1.13)	52 (1.18)	49 (0.94)	38 (0.67)

Table 12.2: Incidence of Vascular Access Infection in relation to patient characteristics, HD patients 1997-2002

Characteristics	N	Incidence (%)	P value
<i>Age:</i>			
0-14	121	0.00	0.203
15-24	1284	0.93	
25-34	3339	1.11	
35-44	4937	1.28	
45-54	5650	0.87	
55-64	4717	1.02	
>=65	2054	0.68	
<i>Gender:</i>			
Male	12841	0.75	0.000
Female	9261	1.37	
<i>Primary diagnosis:</i>			
Unknown	7244	1.05	0.000
Diabetes Mellitus	6194	0.86	
GN / SLE	3611	0.72	
Polycystic kidney	465	3.01	
Obstructive nephropathy	1285	1.48	
Others	3300	1.06	
<i>Diabetes mellitus:</i>			
No	15772	1.08	
Yes	6330	0.84	

<b>Characteristics</b>	<b>N</b>	<b>Incidence (%)</b>	<b>P value</b>
<i>BMI:</i>			
<18.5	3419	1.14	0.560
18.5-<25	11491	1.01	
≥25	4100	1.20	
<i>Serum albumin (g/l) :</i>			
<30	694	3.03	0.000
30-<35	2374	1.31	
35-<40	7807	1.15	
≥40	9200	0.74	
<i>KTV:</i>			
<1	980	2.14	0.002
1-1.2	2922	1.23	
1.2-1.4	4852	0.97	
1.4-1.6	4845	0.78	
≥1.6	7027	0.94	
<i>Year start dialysis:</i>			
1997-1998	5669	0.88	0.186
1999-2000	5618	0.98	
2001-2002	3006	0.60	
<i>Location of HD:</i>			
Centre HD	20466	1.02	0.940
Home/Office HD	1506	1.00	
<i>Assistance on HD:</i>			
Self care	7339	0.79	0.014
Assisted HD	14047	1.15	

Table 12.3: Incidence of Vascular Access Infection in relation to type of vascular access, HD patients 1997-2002

Type of vascular access:	N	Incidence (%)	P value
Wrist AVF	17612	0.49	0.000
BCF	3453	1.97	
Graft (venous/Gortex)	293	4.78	
Catheter (Permcath/ CVC)	526	10.46	
<i>Vascular access difficulty:</i>			
None	20408	0.67	0.000
Any reported difficulty*	16910	5.09	
<i>Vascular access complications:</i>			
Thrombosis	607	1.98	0.000
Haemorrhage or Haematoma	151	5.30	
Aneurysmal dilatation	918	1.20	
Access limb swollen/ oedema	247	8.91	
Access limb ischaemia	73	2.74	
Venous outflow obstruction	441	4.99	
Carpal tunnel syndrome	199	1.01	
Other complication(s)	352	2.84	

\* Any reported difficulty includes difficult needle placement, difficulty getting desired Qb, etc.