

LifeSite® Patient Satisfaction Survey
Data Analysis
8/26/03

1. Number of surveys mailed: 40
2. Number of surveys returned to date: 13
 * Note: 2 additional surveys were returned uncompleted due to patient being deceased
3. Survey received from:

<u>Initials</u>	<u>Date of birth</u>
JW	9/9/1936
TPR	7/6/1955
TR	7/23/1921
EC	12/3/1929
DT	6/5/1963
JRG	9/5/1926
BP	3/8/1922
CD	8/30/1926
JAD	7/30/1936
CAC	3/3/1972
LFW	11/30/1933
BTM	11/26/1926
FP	7/15/1937

4. Average age of patient: **66.02 years** (Range: 31.4 to 82.0 years)
5. Average time on dialysis: **3.76 years** (Range: 2 to 7 years)
6. Average duration of LifeSite experience: **1.95 years** (Range: 0.7 to 2.6 years)
7. Location of LifeSite System

Upper chest right side:	7 (61.5%)
Upper chest left side:	5 (38.5%)

8. Previous access options for patients

Fistula	7 patients
Graft	4 patients
Catheter	12 patients

<u>Number of previous catheters</u>	<u>Number of patients</u>
1	2
2	3
3	5
5	1
>5	1

9. Number of patients utilizing catheter immediately prior to LifeSite implant: 12

10. Reason why catheter was removed

<u>Reason</u>	<u>Number of patients</u>
Infection	3
Clotting	1
Poor blood flow	3
Poor dialysis	5
Don't know	2

11. Good blood flows since receiving LifeSite?

Yes	n = 11
Don't know	n = 1

12. Good dialysis since receiving LifeSite?

Yes	n = 12
-----	--------

13. Number of patients experiencing problems with LifeSite since device implanted?

Yes	n = 7
No	n = 5

14. Problems experienced with LifeSite

Infection*	n = 5
Poor blood flow	n = 1
Bleeding	n = 3
Poor dialysis	n = 1
Skin problems/erosion	n = 4
Pain	n = 1

* Calculated infection rate for respondents = 0.55 per 1,000 patient days

15. Number of patients where LifeSite removed as a result of device-related problem: 3

16. Causes for device removal

Skin problem/erosion	n = 2
Multiple reasons	n = 1

17. If future problem with LifeSite:

“I would want them replaced with LifeSite(s)”	n = 12
“I would want different type of hemodialysis access”	n = 1 “If practical”

18. Level of pain when LifeSite accessed

Not painful at all	n = 2
Minor pain	n = 6
Somewhat painful	n = 1
Really painful	n = 1 (“one site for 3 weeks”)
Severely painful	n = 0
No response	n = 3

19. Feature most liked about the LifeSite

No pain	n = 5*
Able to take shower or bath	n = 4
Hidden from view	n = 2
Ability to swim	n = 1
No need to hold to stop bleeding	n = 1

*includes 3 patients who said there was minor pain when LifeSite was accessed

20. Feature least liked about the LifeSite

No dislikes	n = 6
Painful when accessed	n = 1
Lumps where LifeSites are	n = 2
No travel options to Hawaii	n = 1
No response	n = 3

21. Patient feels better since receiving Lifesites

Yes	n = 7
No	n = 2
No response	n = 2

22. Patient is more active since receiving LifeSites

Yes	n = 7
No	n = 4
No response	n = 2

23. Patient indicated they sleep better since receiving LifeSites

Yes	n = 4
No	n = 4
No difference	n = 3
No response	n = 2

24. Patient would recommend the LifeSite to other hemodialysis patients based on their experience

Yes n = 13
No n = 0

25. Patient indicates better blood flows with LifeSite than when dialyzed via catheter

Yes n = 8
No difference n = 1
Don't know n = 1

26. Patient indicates better dialysis with LifeSite than when dialyzed via catheter

Yes n = 9
No difference n = 1

27. Patient indicates they like the LifeSite better than catheter

Yes n = 13
No n = 0

28. Patient would recommend the LifeSite to other hemodialysis patients instead of a catheter

Yes n = 13
No n = 0