

השתלת מכשירי עזר לחדרי הלב – ניסיון של 14 שנים במרכז הרפואי שיבא

פרופ' יעקב לביא

**היחידה להשתלות לב
המחלקה לניתוחי לב
מרכז הלב ע"ש לבייב
המרכז הרפואי שיבא
תל השומר**



VAD – Sheba Experience

3/1994 – 10/2008

- 39 patients
- 35 males, 4 females
- Age 2.5 – 65 (mean 48)



VAD – Sheba Experience

3/1994 – 10/2008

LVAD

25 pts

- 18 HeartMate VE
- 5 HeartMate II
- 1 Thoratec PVAD
- 1 Biomedicus

BiVAD

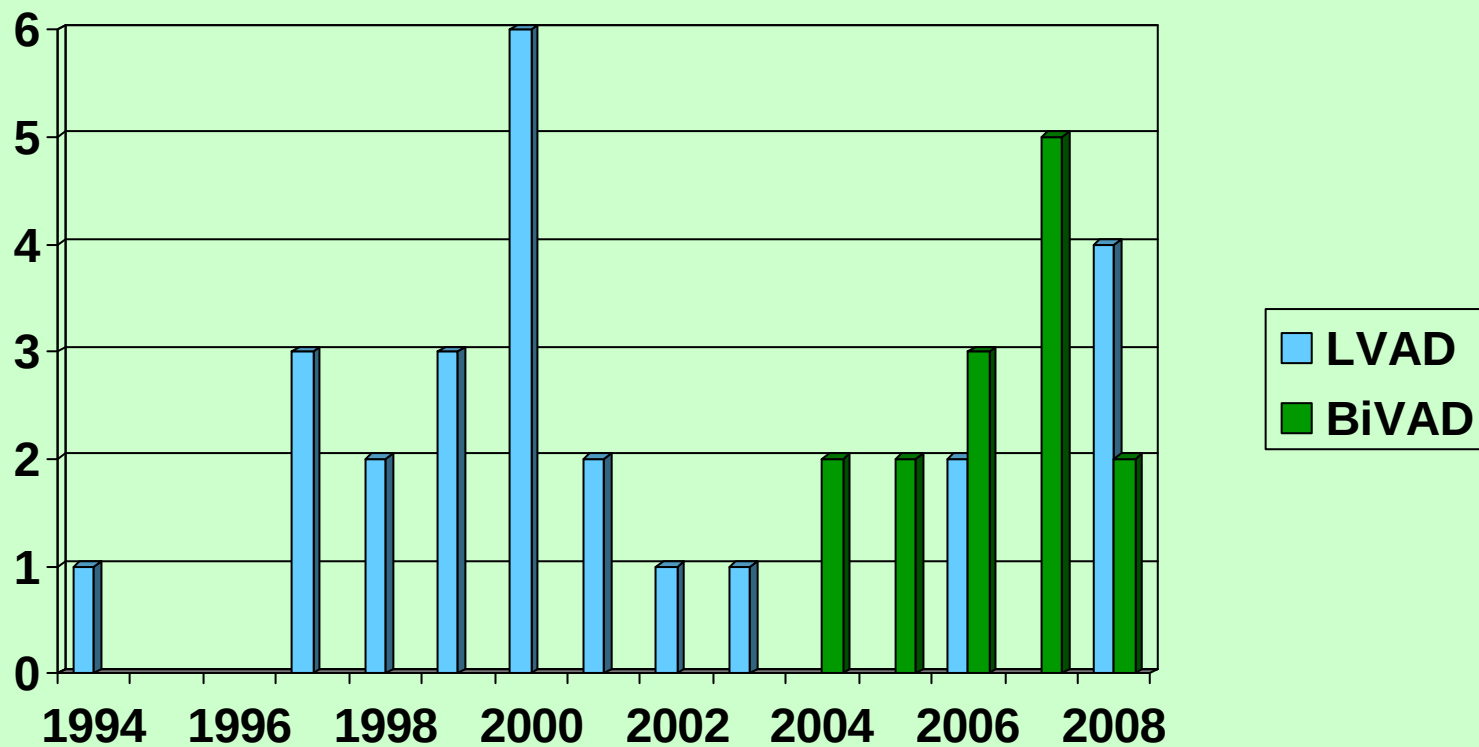
14 pts

- 13 Thoratec PVAD
- 1 Berlin Heart Excor

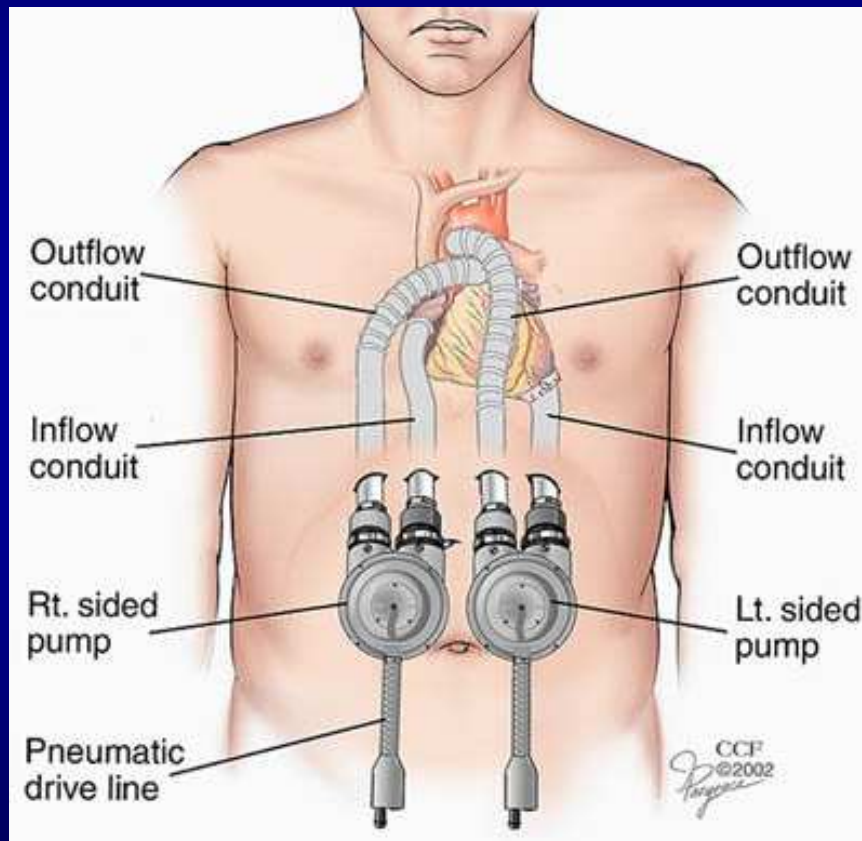


VAD – Sheba Experience

3/1994 – 10/2008



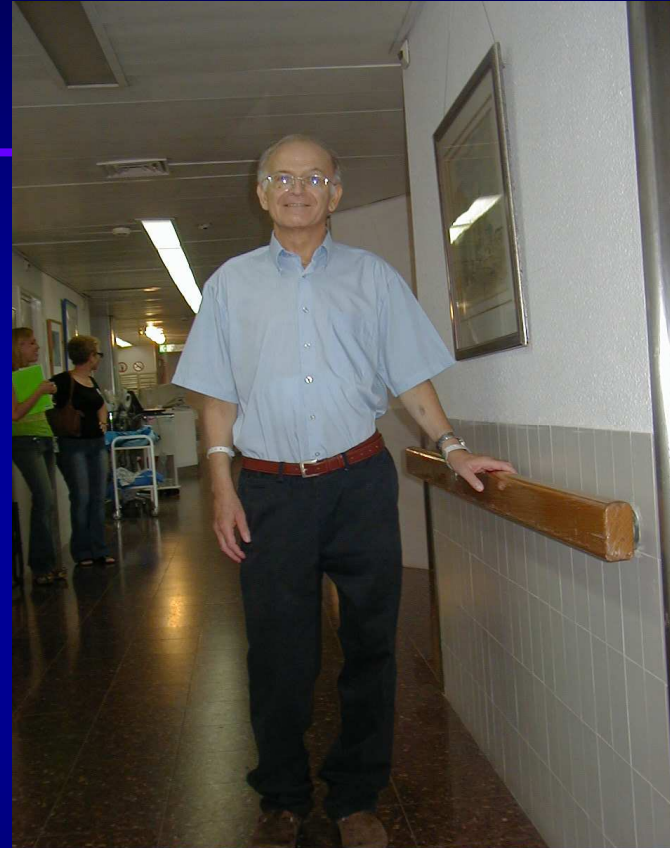
Thoratec PVAD





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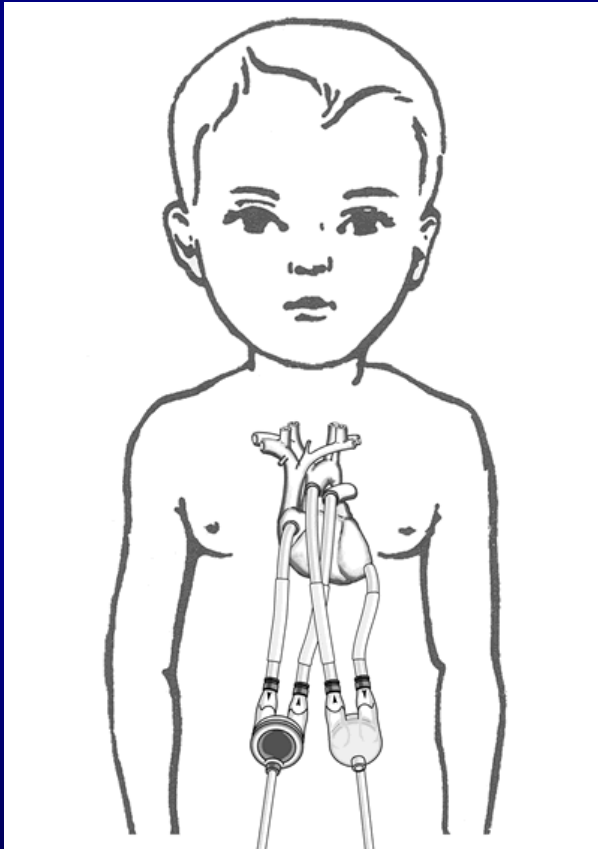


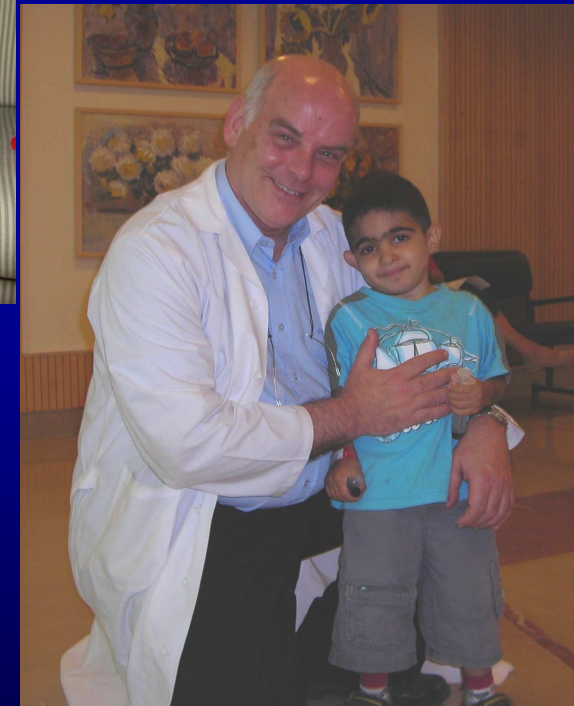


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Berlin Heart EXCOR

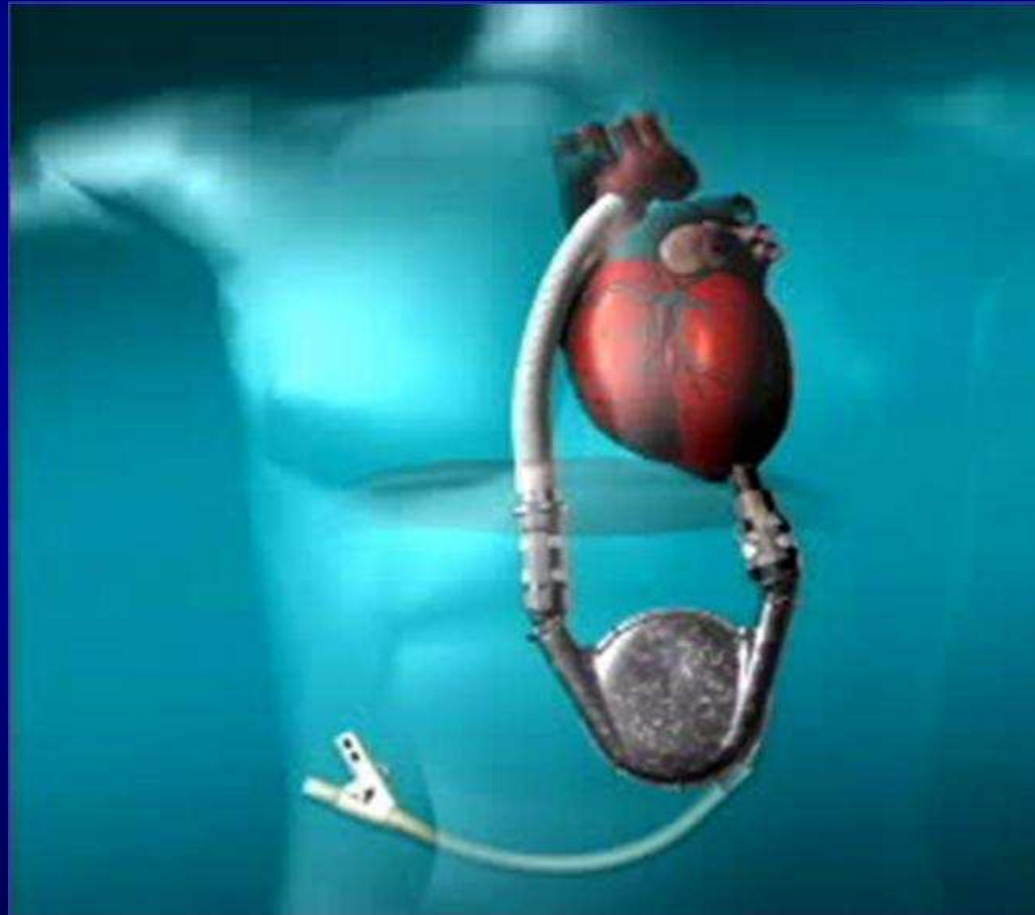




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HeartMate VE LVAD



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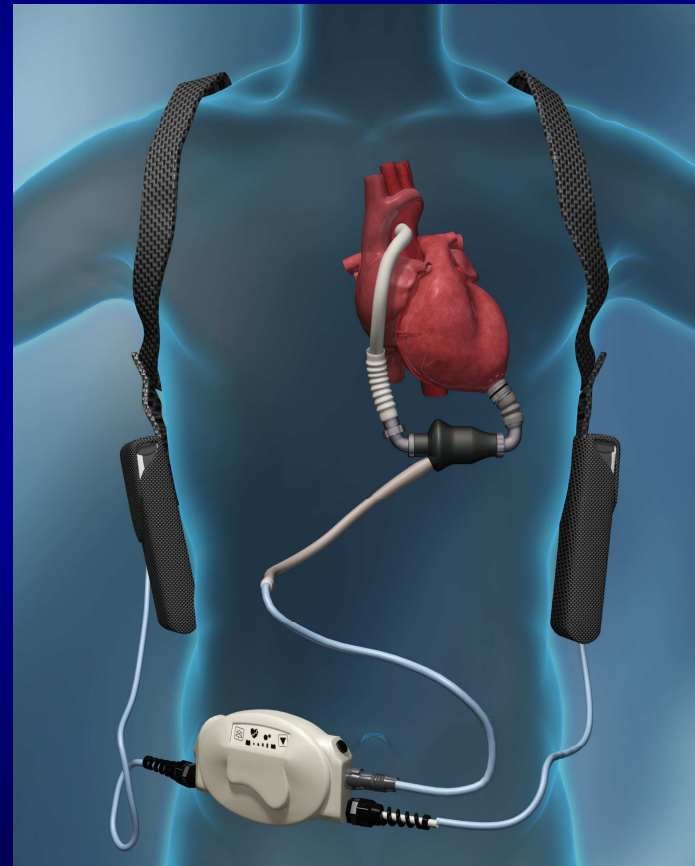
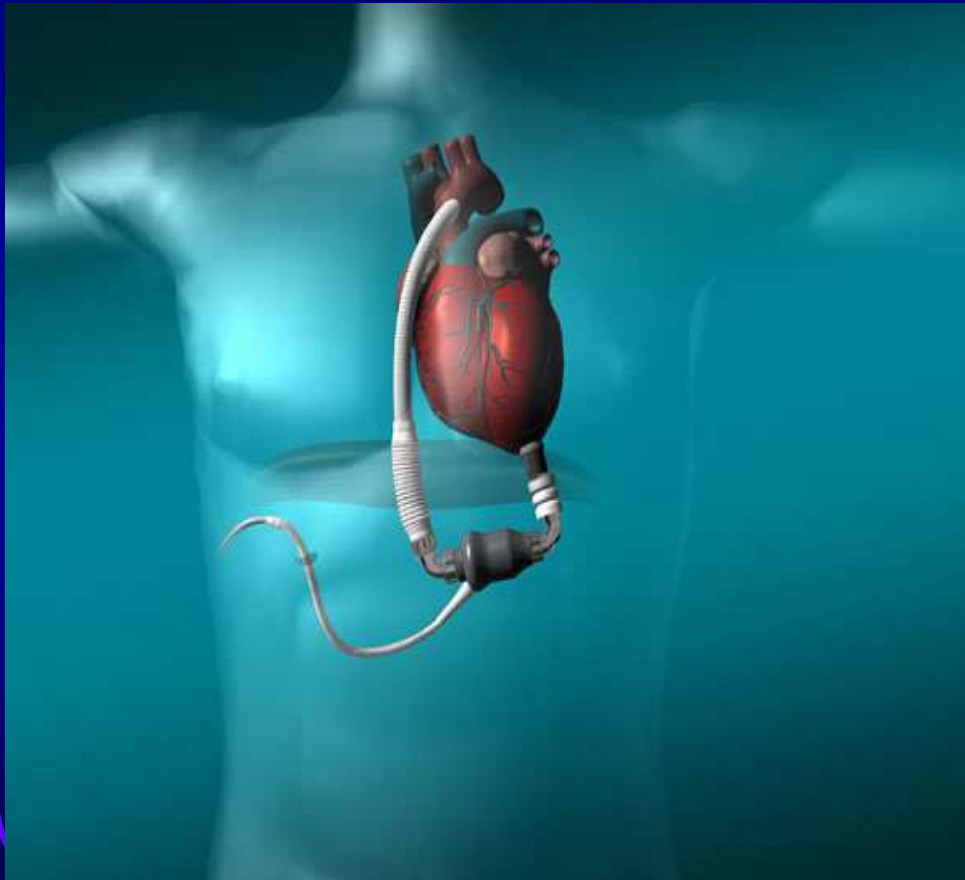




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HeartMate II LVAD



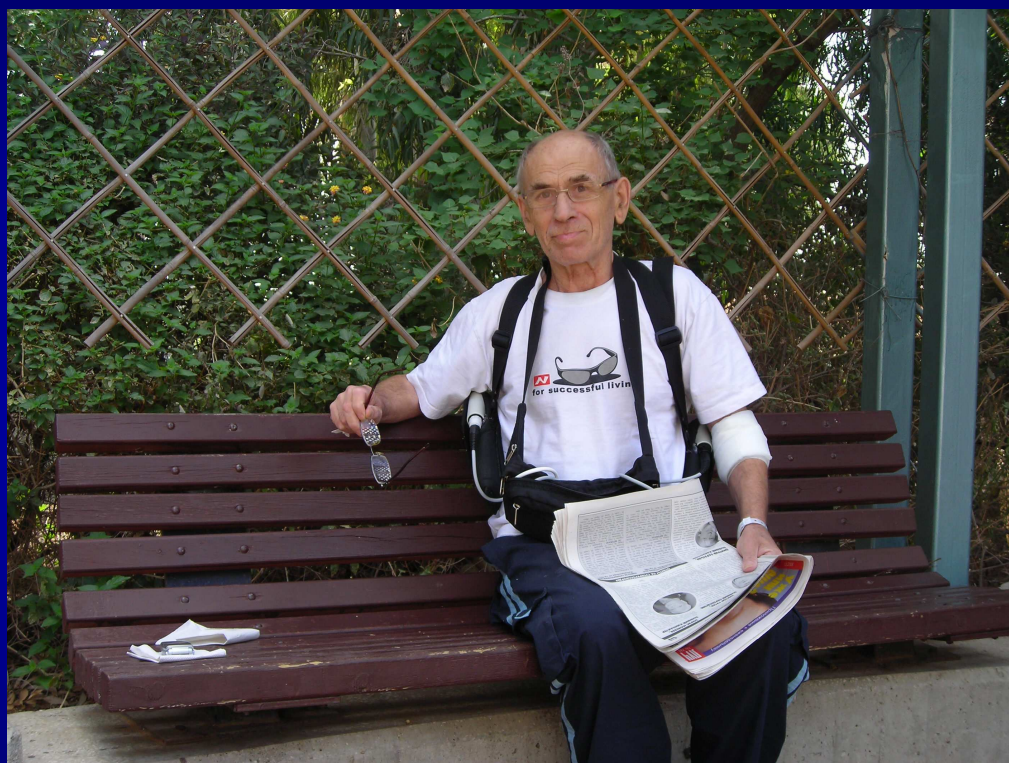
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VAD – Sheba Experience

3/1994 – 10/2008

INDICATIONS FOR VAD IMPLANTATION

- 20 pts – Cardiogenic shock
- 19 pts – Intractable CHF – NYHA class IV/V on maximal catecholamines treatment



VAD – Sheba Experience

3/1994 – 10/2008

ETIOLOGY OF HEART FAILURE

- 24 – ISCHEMIC
- 7 – IDIOPATHIC DILATED
- 2 – CONGENITAL
- 2 – MYOCARDITIS
- 1 – VALVULAR
- 1 – POST PARTUM CM
- 1 – ADRIAMYCIN INDUCED CM
- 1 – HEART TRANSPLANT GRAFT VASCULOPATHY



VAD – Sheba Experience

3/1994 – 10/2008

RESULTS

- **SURVIVAL TO HEART TRANSPLANTATION**

21 PATIENTS – 54%

- **SURVIVAL ON VADs**

1 – 385 days

Mean - 76 days

Total - 2818 pt days = 7.7 pt years



VAD – Sheba Experience

3/1994 – 10/2008

DISCHARGE HOME ON VAD SUPPORT

10 Patients – 26%

Days at home 1 – 258

Mean – 106 days

Total 1062 pt days = 2.9 pt years



VAD – Sheba Experience

3/1994 – 10/2008

SURVIVAL POST HEART TRANSPLANTATION

14 patients – 70%
1 Mo – 14 Yrs





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