

Why Can't We Use Our Own Stem Cells to Heal Our Bodies?

by Berkley Bedell, Foundation for Alternative and Integrative Medicine (www.faim.org)

Kidney Failure

Kidney failure is the loss of the ability of the kidneys to remove waste and toxins from the blood. Treatment involves dialysis and usually ultimately kidney transplant. This is a chronic disease that continues for the remainder of the patient's life creating a large drain on the health care system.

In 2008 547,982 U.S. residents were under treatment for end stage renal disease (ESRD) as of the end of the calendar year. Also in 2008, 382,343 U.S. residents with ESRD received dialysis.¹ Besides dialysis, kidney transplant is the only avenue for conventional medicine to address kidney failure. As of 2011 there were currently 89,331 people waiting for lifesaving kidney transplants in the U.S. Nearly 3,000 new patients are added to the kidney waiting list each month. One person dies every two hours while waiting for a kidney transplant. Last year, 4,636 patients died while waiting for a kidney transplant. Last year, 16,898 kidney transplants took place in the U.S.² Each year 100,000 patients are diagnosed with ESRD and 70,000 people die.³

Cost for the ESRD in 2008 was \$39.46 billion(not counting transplant expense) in public and private spending.⁴ The cost of kidney transplant can be very high. To quote one mother, "My 3 year old son, Derek, just received a kidney transplant from his father at UCLA August 30, 2007. The bills that have been submitted to our health insurance for the transplant and hospitalization are well over \$150,000(US.)"

AASC therapy in clinics abroad runs around \$15,000. The cells are introduced into the ducts of the kidneys. Clinics are reporting very high success rates for reversing kidney disease and kidney failure, with the end result of the patient no longer needing a kidney transplant.

The cost in public and private spending per patient with ESRD is \$72,000 per patient.(\$39.46 billion for 547,982 patients) Using AASC therapy for these patients would save \$57,000 per patient. When the patient's disease is reversed then once again they are out of the patient pool and no longer a drain on the health care system. If 20% of the patients receive AASC the average savings per year (calculation the average over 9 years 2012-2020) would be \$23 billion; if 50% of the patients received AASC the average annual savings would be \$38 billion; and if 100% of the patients received AASC the annual savings would be \$45 billion. (Calculated using a conventional treatment cost of \$72,000 annually, an AASC treatment

¹ *USRDS 2010 Annual Data Report*. United States Renal Data System Web site. www.usrds.org/adr.htm. Accessed November 8, 2010. (The USRDS End-Stage Renal Disease Incident and Prevalent Quarterly Update is available at www.usrds.org/qtr/default.html.)

² National Kidney Foundation organ donation and transplant statistics

³ <http://kidney.niddk.nih.gov/kudiseases/pubs/kdd/>

⁴ *USRDS 2010 Annual Data Report*. United States Renal Data System Web site. www.usrds.org/adr.htm. Accessed November 8, 2010. (The USRDS End-Stage Renal Disease Incident and Prevalent Quarterly Update is available at www.usrds.org/qtr/default.html.)

Why Can't We Use Our Own Stem Cells to Heal Our Bodies?

by Berkley Bedell, Foundation for Alternative and Integrative Medicine (www.faim.org)

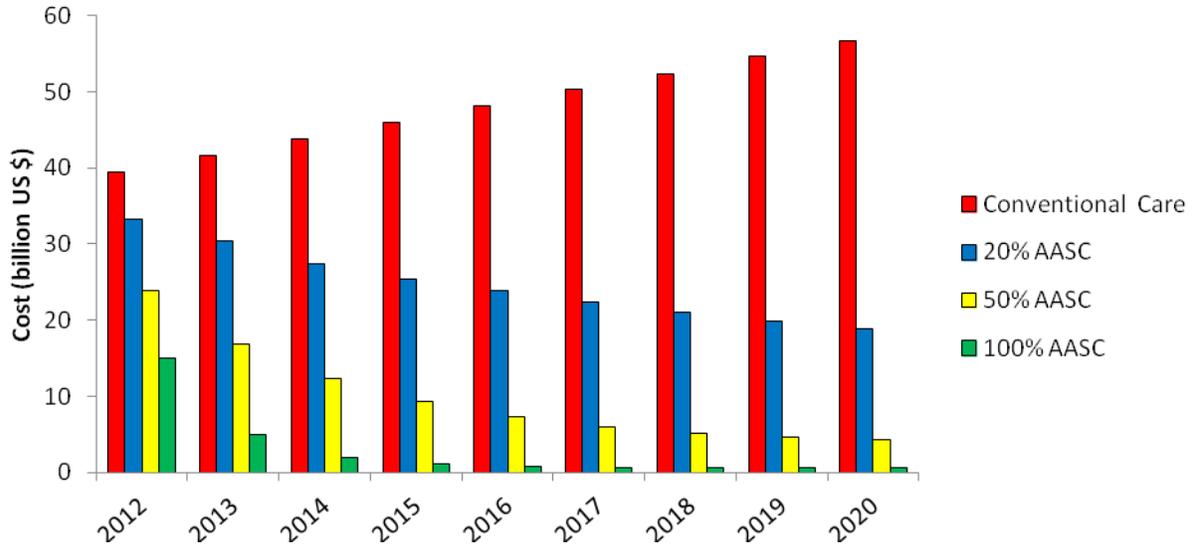
cost of \$15,000 and an increase of 30,000 patients annually (100,000 new diagnoses less 70,000 deaths) and calculating in a 70% success rate with AASC).

On the human side, AASC treatments offer the possibility of saving the lives of many of the 89,331 patients currently on the transplant list and restoring health to many of the 382,343 people who spend four hours a day, three days a week on dialysis.

Why Can't We Use Our Own Stem Cells to Heal Our Bodies?

by Berkley Bedell, Foundation for Alternative and Integrative Medicine (www.faim.org)

Cost of Kidney Disease (ESRD)



Year	Conventional Care	20% receiving AASC	50% receiving AASC	100% receiving AASC
2012	40	33	24	15
2013	42	30	17	5
2014	44	27	12	2
2015	46	25	9	1
2016	48	24	7	1
2017	50	22	6	1
2018	52	21	5	1
2019	55	20	5	1
2020	57	19	4	1
total	433	222	90	26

*all numbers in billion dollars

Calculated: conventional care \$72,000 per patient

AASC treatment \$15,000 per patient

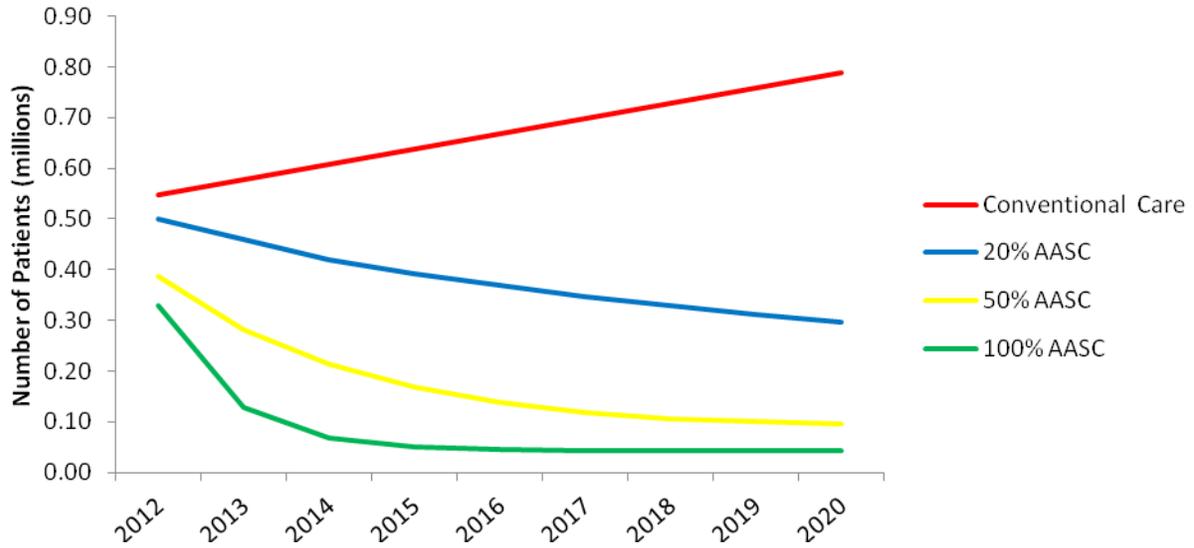
AASC success rate: 70%

Increase of 30,000 cases per year

Why Can't We Use Our Own Stem Cells to Heal Our Bodies?

by Berkley Bedell, Foundation for Alternative and Integrative Medicine (www.faim.org)

of Kidney Disease Patients



Year	Conventional Care	20% receiving AASC	50% receiving AASC	100% receiving AASC
2012	0.55	0.50	0.39	0.33
2013	0.58	0.46	0.28	0.13
2014	0.61	0.42	0.21	0.07
2015	0.64	0.39	0.17	0.05
2016	0.67	0.37	0.14	0.05
2017	0.70	0.35	0.12	0.04
2018	0.73	0.33	0.11	0.04
2019	0.76	0.31	0.10	0.04
2020	0.79	0.30	0.10	0.04

*all numbers in millions of patients

AASC success rate of 70%