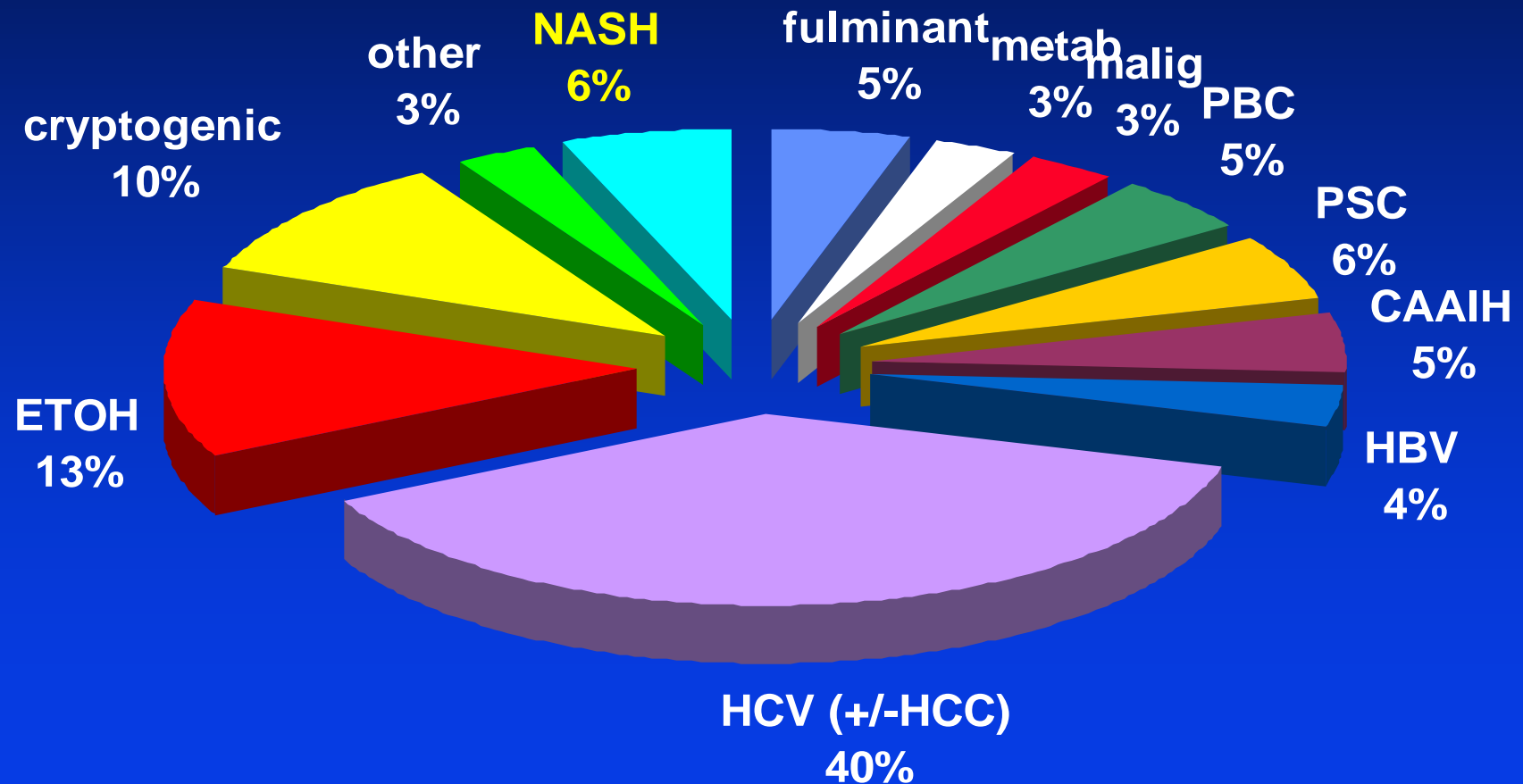


Life after Liver Transplant for PSC

**Jayant A. Talwalkar, MD, MPH
Associate Professor of Medicine
Mayo Clinic
Rochester, MN**

**2012 Annual Conference
PSC Partners Seeking a Cure
May 5, 2012**

Indications for Liver Transplantation 2008 (UNOS Registry)



Source: www.ustransplant.org

Patient survival by disease

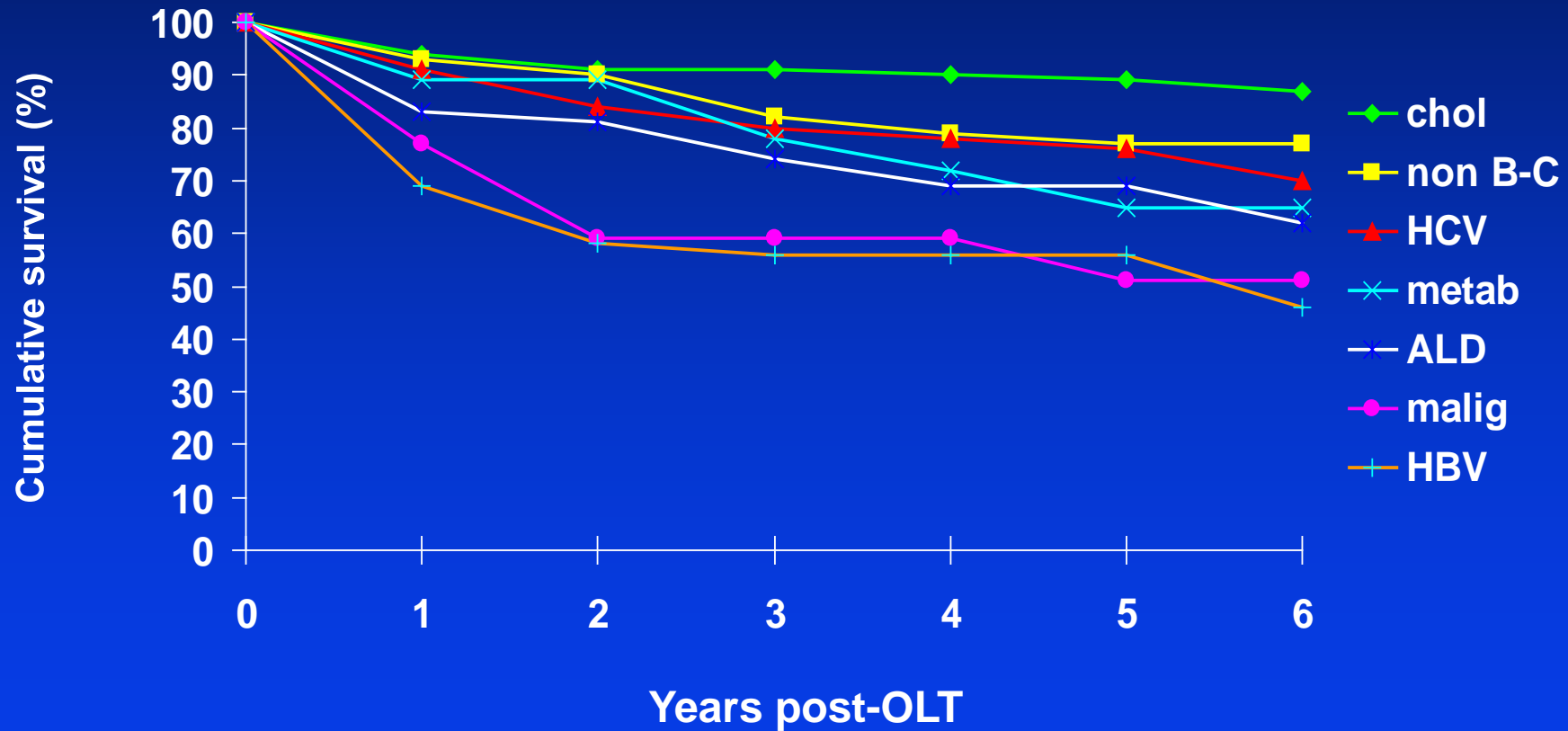
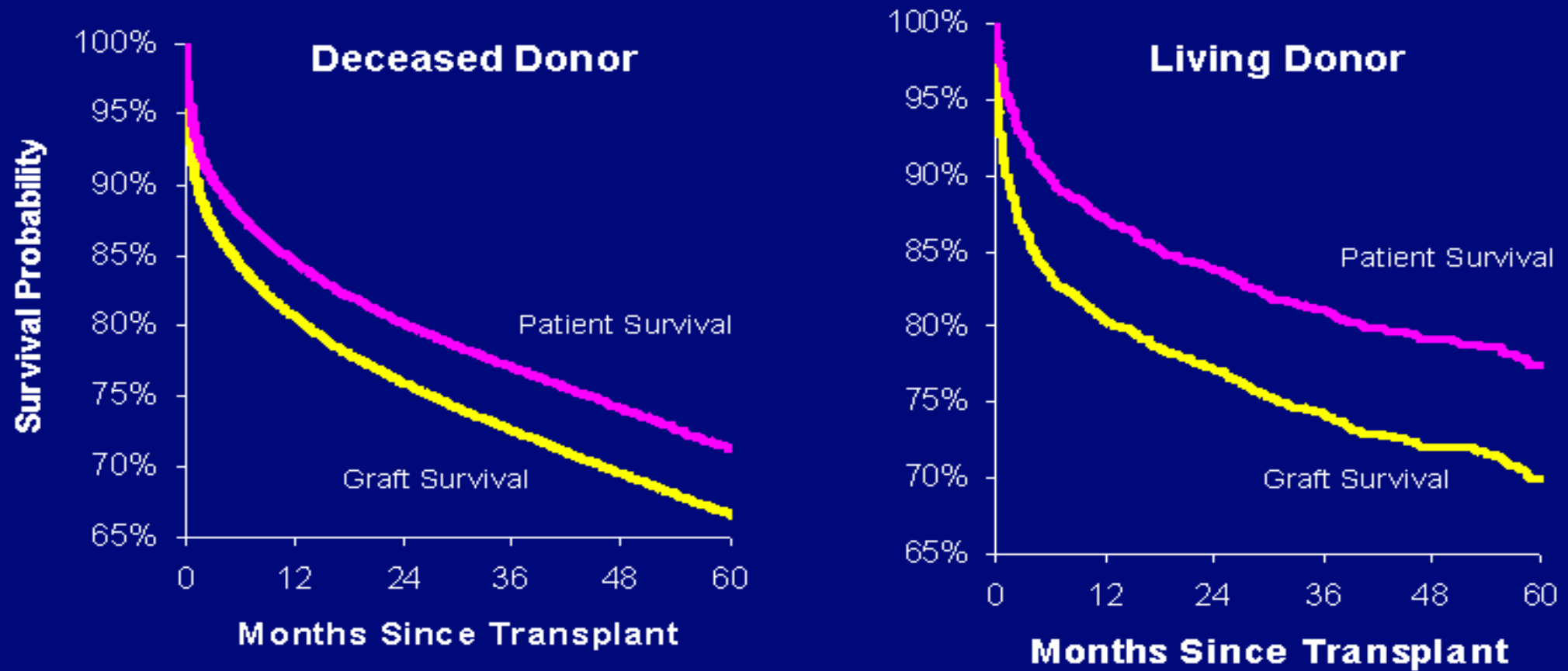


Figure V-16. Unadjusted Patient and Graft Survival of Liver Recipients, by Deceased and Living Donor



Includes all liver transplants from 1/1/96 through 12/31/05.
 Source: SRTR Analysis, November 2006.



Courtesy of Julie Heimbach, MD

2006 OPTN/SRTR Annual Report, Chapter V.

LIVER TRANSPLANTATION

A “TYPICAL” OPERATION

Patient age	40 - 55 years
Anesthesia time	4 - 6 hours
Operative time	3 - 5 hours
ICU stay	.5- 1 days
Total hospital stay	7 - 9 days
Outpatient stay	1 month

Courtesy of Julie Heimbach, MD

Mayo Clinic Rochester Protocol

Year 1

- **Hospitalization for about 1 week after LT**
- **Twice weekly outpatient clinic visits for 21 days**
 - **Blood tests, tacrolimus level before visits**
- **Discharge to home with weekly blood tests**
- **Return visit at 4 months after LT, then annually**
 - **Cellcept stopped at 2-4 months**
 - **Prednisone stopped by 4 ½ months**
- **Sooner if problems and/or labs become abnormal**

Mayo Clinic Rochester Protocol > Year 1

- **Blood tests every 3 months**
- **Only on tacrolimus or cyclosporine**
- **No restrictions in terms of physical activity**
- **No restrictions in terms of travel**
- **Generally no restrictions on occupation type**
 - **Can be overseas**
 - **Best to avoid increased exposure to infections**

Potential Complications following LT for PSC

- Increased posttransplant complications
 - 1) Acute Cellular Rejection (20%)
most within 7 days
 - 2) Chronic Ductopenic Rejection (2%)
 - 3) Hepatic Artery Thrombosis (5%)
 - 3) Bile Duct Strictureing (10-15%)
- Recurrent PSC - 20-25% over 10 yrs
- CUC – pouchitis, disease flare, neoplasia

Epidemiology of Recurrent PSC

Center	n	%	Radiology	Histo	Risk Factor
UCSF	33	13	x		
Pittsburgh	32	25	x		
Baylor	100	16	x		CMV
UCLA	127	9	x	x	
Mayo	150	20	x	x	
Birmingham	152	37	x	x	Colon
Colorado	71	21	x	x	OKT3
Lahey	42	14	x	x	Sex mismatch

Health Related Quality of Life after LT for PSC

- 157 adult patients with PBC or PSC
- HRQOL following LT was better
 - Emotional, physical, social, overall
- Patients 10 or more years after LT generally have a good QOL, although physical functioning is reduced
 - Age > 60 and post-LT complications associated with reduced PF

--- Thank you ! ---

© 2011 AB-PHOTOGRAPHY.US

