

Periprosthetic Joint Infection

AAHKS Spring Meeting Symposium

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Disclosure

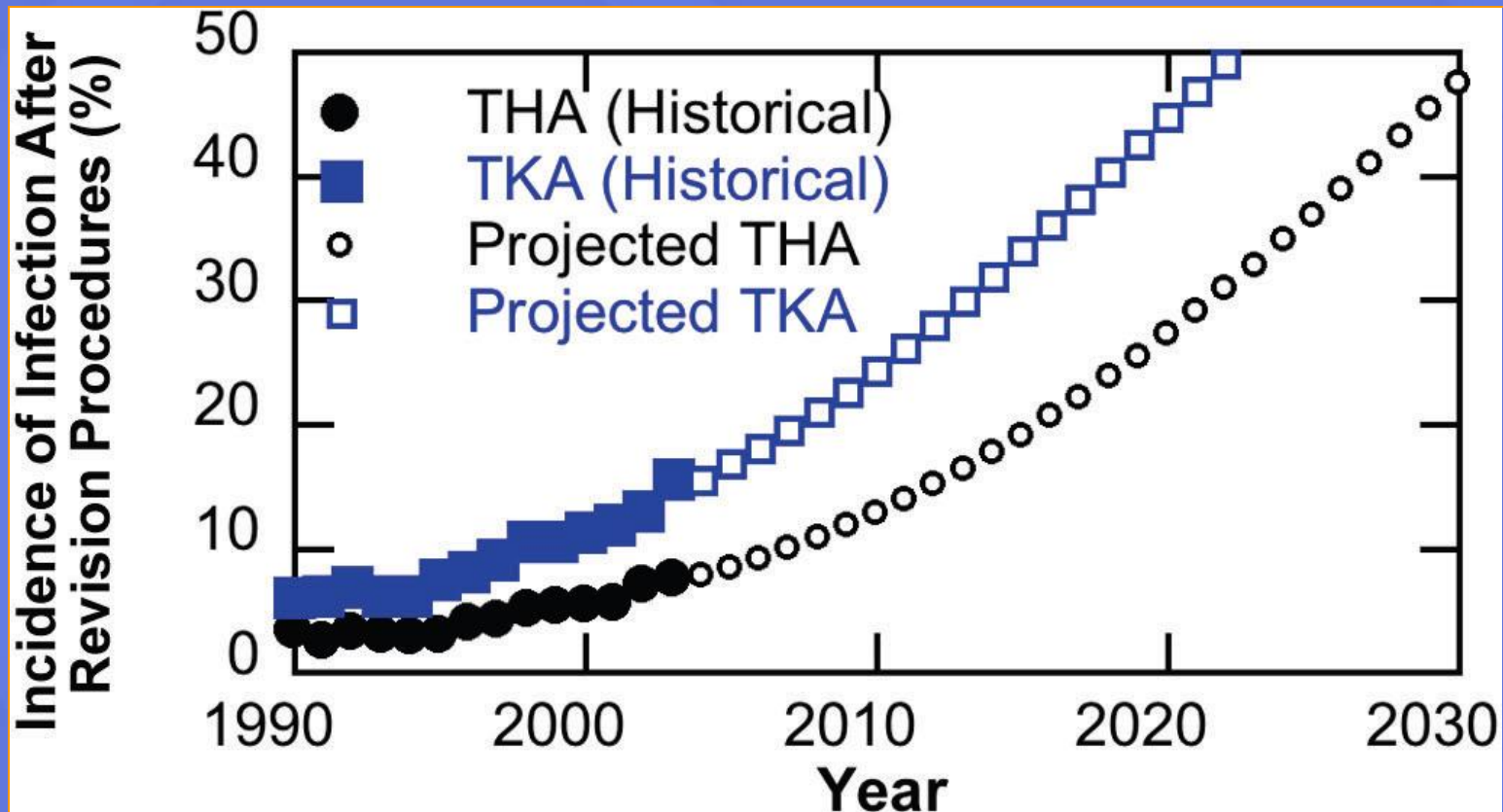
Consultant:	Stryker Orthopedics ConvaTec
Speakers Bureau:	Ceramtec
Research Support:	Depuy/Wright Medical/Zimmer/Pacira
Editorial Board:	JoA, Arthroplasty Today
Board of Directors:	AJRR
Medical Advisor:	Joint Purification Systems

The Epidemiology of Revision Total Knee Arthroplasty in the United States

Kevin J. Bozic MD, MBA, Steven M. Kurtz PhD, Edmund Lau MS,
Kevin Ong PhD, Vanessa Chiu MPH, Thomas P. Vail MD, Harry E. Rubash MD,
Daniel J. Berry MD

- Periprosthetic Joint infection (PJI) is one of the most challenging and frequent complications after TJA
- Range from 0.5% to 7%and increasing
- #1 reason for failure of TKA
- #3 reason for failure of THA

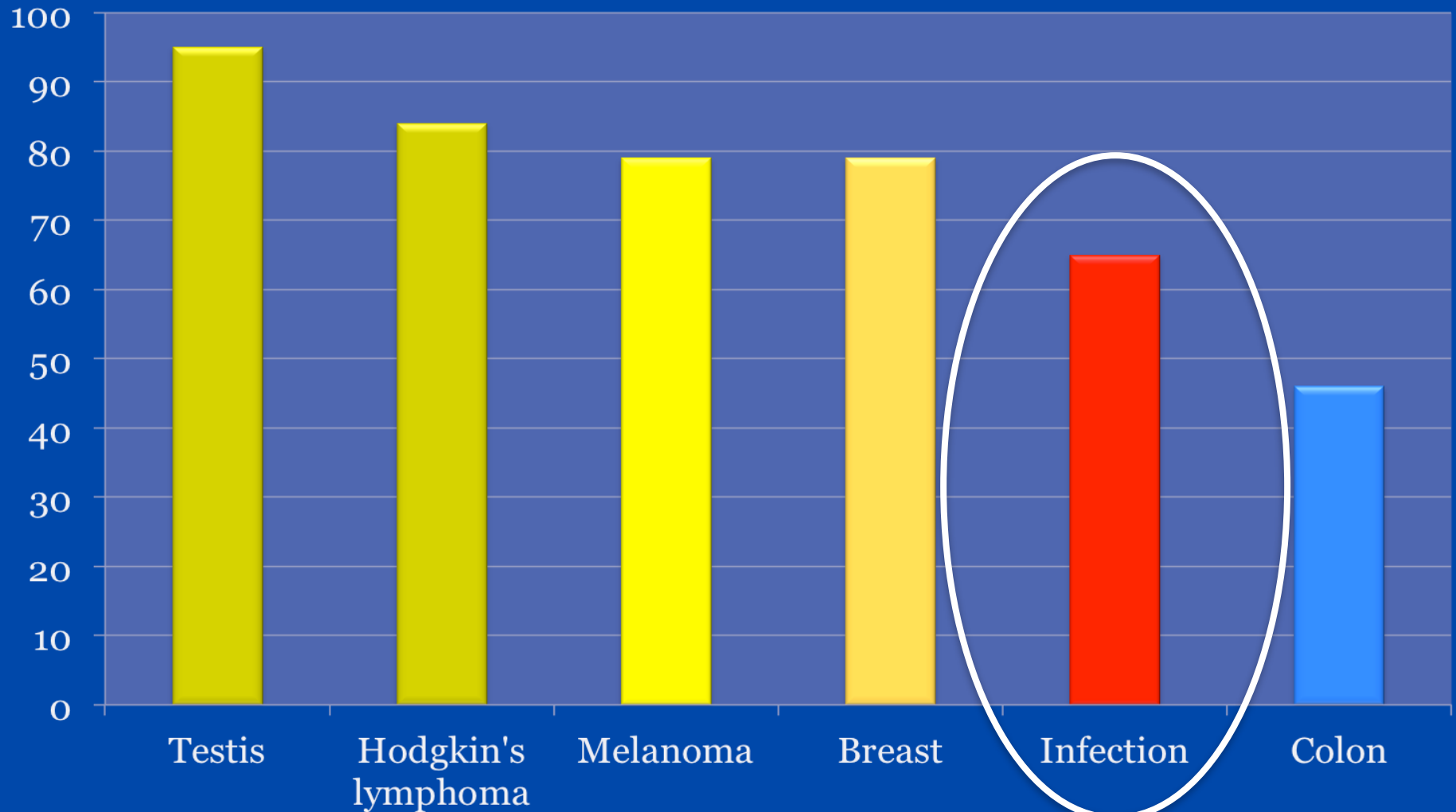
Projected Incidence of Revision TJA for Infection



16.8 % in 2005 to 65.5% in 2030

Periprosthetic Joint Infection worse than Most Cancers

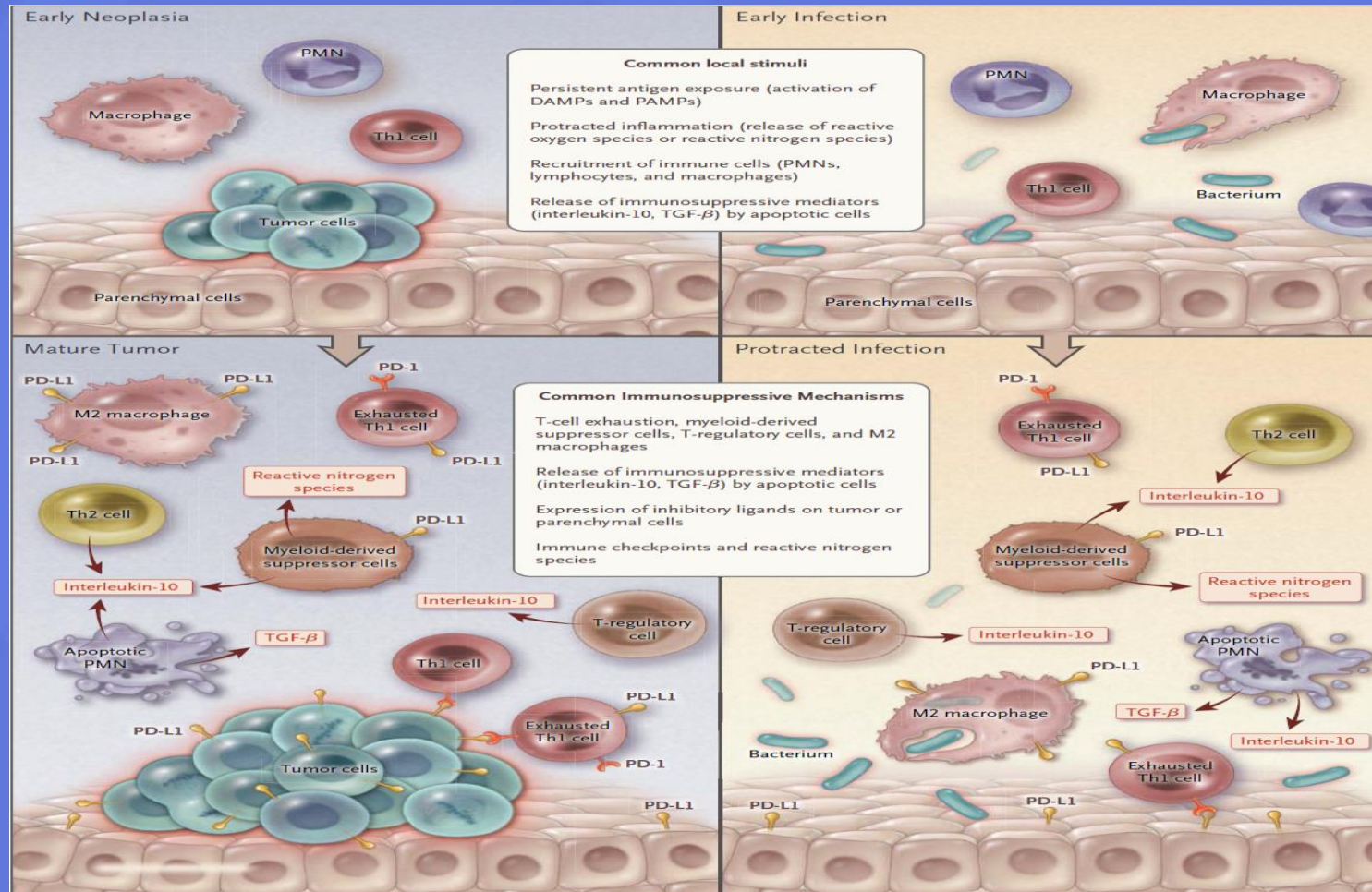
5 Year Survivorship



Parallels between Cancer and Infectious Disease

Richard S. Hotchkiss, M.D., and Lyle L. Moldawer, Ph.D.

NEJM July 2014



Periprosthetic Joint Infection

Still remains a tremendous amount of variation:

- How to Evaluate and Diagnose a suspected PJI
- What is the appropriate Surgical Management

Periprosthetic Joint Infection AGENDA

- The Diagnosis of PJI: Current and Future
 - Dr. Javad Parvizi
- The Role of Irrigation and Debridement
 - Dr. Matt Abdel
- Removal of Implants: One Stage or Two ?
 - Dr. Greg Polkowski
- Interactive Discussion