Western University

Scholarship@Western

Medical Biophysics Publications

Medical Biophysics Department

2-1-2017

Supplementary data: Chemoradiotherapy in octogenarians as primary treatment for muscle-invasive bladder cancer

Victor A. McPherson Schulich School of Medicine & Dentistry

George Rodrigues
Schulich School of Medicine & Dentistry

Glenn Bauman
Schulich School of Medicine & Dentistry, glenn.bauman@lhsc.on.ca

Eric Winquist Schulich School of Medicine & Dentistry

Joseph Chin Schulich School of Medicine & Dentistry

See next page for additional authors

Follow this and additional works at: https://ir.lib.uwo.ca/biophysicspub

Citation of this paper:

McPherson, Victor A.; Rodrigues, George; Bauman, Glenn; Winquist, Eric; Chin, Joseph; Izawa, Jonathan; Potvin, Kylea; Ernst, Scott; Venkatesan, Varagur; Sexton, Tracy; Ahmad, Belal; and Power, Nicholas, "Supplementary data: Chemoradiotherapy in octogenarians as primary treatment for muscle-invasive bladder cancer" (2017). *Medical Biophysics Publications*. 517.

https://ir.lib.uwo.ca/biophysicspub/517

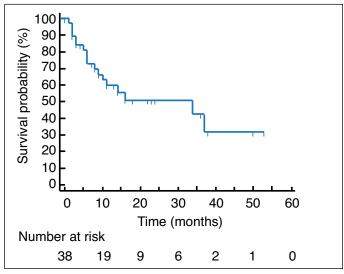
Authors					
ictor A. McPherson, George Rodrigues, Glenn Bauman, Eric Winquist, Joseph Chin, Jonathan Izawa, ylea Potvin, Scott Ernst, Varagur Venkatesan, Tracy Sexton, Belal Ahmad, and Nicholas Power					

Supplementary data: Chemoradiotherapy in octogenarians as primary treatment for muscle-invasive bladder cancer

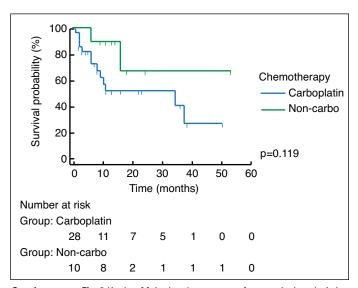
Victor A. McPherson, MD, MSc;¹ George Rodrigues, MD,² Glenn Bauman, MD,² Eric Winquist, MD,³ Joseph Chin, MD,¹ Jonathan Izawa, MD,¹ Kylea Potvin, MD,³ Scott Ernst, MD,³ Varagur Venkatesan, MD,² Tracy Sexton, MD, PhD,² Belal Ahmad, MD,² Nicholas Power, MD¹

Division of Urology; 2Division of Radiation Oncology; 3Division of Medical Oncology; Schulich School of Medicine & Dentistry, Western University, London, ON, Canada

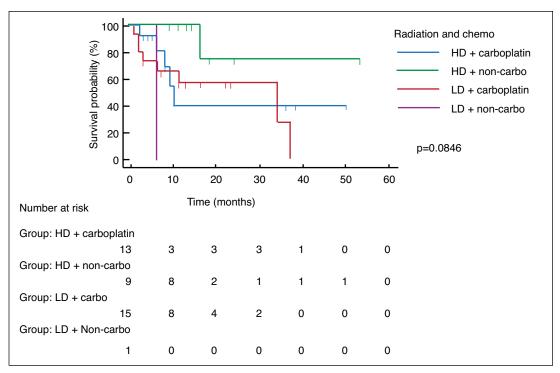
Cite as: Can Urol Assoc J 2017;11(1-2):E64-5. http://dx.doi.org/10.5489/cuaj.4476 Published online February 20, 2017



Supplementary Fig 1. Overall cohort: Kaplan-Meier recurrence-free survival.



Supplementary Fig. 2. Kaplan-Meier local recurrence-free survival analysis by chemotherapy regimen.



Supplementary Fig. 3. Kaplan-Meier local recurrence-free survival analysis by chemoradiotherapy regimen.

Supplementary Table 1. Delayed hem	aturia
Grade	
1	4
2	0
3	4
4	5
5	0
Total	13
Total Grade 3–5	9
Hematuria	
Associated with local recurrence	11/13 (84.6%)
Independent of local recurrence	2/13 (15.4%)

Supplementary Table 3. Toxicities by chemotherapy regimen				
Toxicity	Proportion of patients affected	p (FET)		
Grade 1–2 toxicities Carboplatin Non-carbo	18/30 (60.0%) 9/10 (90.0%)	0.1238		
Grade 3–5 toxicities Carboplatin Non-carbo	5/30 (16.7%) 0/10 (0.0%)	0.3059		

Radiation			Data unavailable
Complete response		p (Fisher exact test*)	Local recurrence
37.5–40 Gy	8/12 (66.7%)	0.3839	1/5
50–65 Gy	16/19 (84.2%)		3/4
Chemotherapy			Data unavailable
Complete response			Local recurrence
Carboplatin	14/21 (66.7%)	0.0004	4/9
Non-carbo	10/10 (100%)	0.0661	0
Complete TUR			Data unavailable
Complete response			2 414 4114 14114 1510
Incomplete	12/16 (75.0%)		5
Complete	10/13 (76.9%)	1.0000	3
Unspecified	1/2 (50.0%)		1