

# Docetaxel Plus Prednisone or Mitoxantrone Plus Prednisone for Advanced Prostate Cancer

## Updated survival of the TAX 327 study

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**Background:** The TAX-327 study compared 3 weekly docetaxel (D3), weekly docetaxel (D1) or mitoxantrone (M), each with prednisone (P) for 1,006 patients (pts) with metastatic hormone resistant prostate cancer (mHRPC). The original analysis, undertaken in August 2003 when 557 deaths had occurred, showed significantly better survival and response rates for pain, PSA and quality of life for D3 when compared

with M (Tannock et al, NEJM 2004;351: 1502-12). Here we present the updated survival analysis.

**Methods:** Investigators were asked to provide date of death or last follow up for all patients alive in August 2003.

**Results:** By October 2006 data on 213 additional deaths were obtained (total 770 deaths, see Table). The survival benefit of D3 as compared with M has persisted with extended follow up while D1 continues to show no significant survival advantage. More

patients (17.2% and 16.4%) survived  $\geq 3$  years in the D3 and D1 arms compared to M (12.8%). Similar trends in survival between treatment arms were seen for pts above and below 65 years of age, for those with and without pain at baseline, and for those with baseline PSA above and below median value of 115 ng/ml.

**Conclusions:** The present analysis confirms previous findings that survival is significantly longer with D3 than with M. Survival update is ongoing. **OA**

	Docetaxel Q3W (n = 335)	Docetaxel Weekly (n = 334)	Mitoxantrone (n = 337)
<b>Original Data 2003</b>			
n (%) dead	166 (50%)	190 (57%)	201 (60%)
Median Survival*	18.9 (17.0-21.2)	17.4 (15.7-19.0)	16.5 (14.4-18.6)
Hazard Ratio*	0.76 (0.62-0.94)	0.91 (0.75-1.11)	
p-value	0.009	0.36	
<b>Updated Data 2006</b>			
n (%) dead	256 (76.4%)	257 (76.9%)	282 (83.7%)
Median Survival*	19.2 (17.6-21.3)	17.8 (16.2-19.2)	16.3 (14.4-18.2)
Hazard Ratio*	0.88 (0.81-0.96)	0.94 (0.86-1.02)	
3-yr survival rate*	17.2% (12.8-23.0)	16.4% (12.1-22.4)	12.8% (9.1-17.8)
p-value	0.005	0.14	
*95% confidence interval indicated			