

Productivity Loss and Indirect Costs for Patients Newly Diagnosed with Early- versus Late-Stage Cancer in the US: A Large-Scale Observational Research Study

Running Title: Productivity loss for patients with early versus later-stage cancer

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Online Resource 1: Demographic and clinical characteristics of STD- and LTD-eligible patients

	STD Eligible				<i>p</i> -value	LTD Eligible				<i>p</i> -value
	Metastatic		Non-metastatic			Metastatic		Non-metastatic		
	N =	14,361	N =	156,758		N =	2,430	N =	28,355	
Age (Mean, SD)	52.6	8.2	52.6	8.0	0.587	52.6	8.1	52.6	7.9	0.790
Median	54.0		54.0		0.464	54.0		54.0		0.454
Age category (N, %)										
18–24	40	0.3%	421	0.3%	<0.001	34	0.3%	372	0.3%	<0.001
25–34	531	3.7%	5,489	3.5%		486	3.6%	4,889	3.4%	
35–44	1,666	11.6%	17,685	11.3%		1,523	11.4%	16,268	11.2%	
45–49	1,904	13.2%	21,224	13.5%		1,791	13.4%	19,581	13.5%	
50–64	10,230	71.2%	112,121	71.4%		9,507	71.3%	104,169	71.7%	
<50	4,141	28.8%	44,819	28.6%		3,834	28.7%	41,110	28.3%	
Sex (N, %)					<0.001					<0.001
Male	7,880	54.8%	96,543	61.5%		7,216	54.1%	87,913	60.5%	
Female	6,491	45.2%	60,397	38.5%		6,125	45.9%	57,366	39.5%	
Duration of follow-up, months (Mean, SD)					<0.001					<0.001
Median	25.9	25.3	39.5	30.2		26.0	25.6	39.8	30.4	
End of follow-up due to (N, %):					0.000					<0.001
End of enrollment	12,052	83.9%	104,398	66.5%		11,120	83.4%	95,684	65.9%	
End of study period	2,319	16.1%	39,193	25.0%		2,221	16.6%	37,394	25.7%	
Claim for metastasis	0	0.0%	13,349	8.5%		0	0.0%	12,201	8.4%	
NCI Comorbidity index (Mean, SD)	0.30	0.74	0.24	0.73	<0.001	0.30	0.74	0.24	0.73	<0.001

Median Cancer Type (N,%) ²	0.0		0.0			0.0		0.0		
Breast	2,331	16.2%	20,569	13.1%	<0.001	2,211	16.6%	19,691	13.6%	<0.001
Lung or bronchus	1,327	9.2%	2,625	1.7%	<0.001	1,204	9.0%	2,360	1.6%	<0.001
Colon or rectum	1,536	10.7%	6,847	4.4%	<0.001	1,402	10.5%	6,300	4.3%	<0.001
Pancreas	544	3.8%	988	0.6%	<0.001	502	3.8%	885	0.6%	<0.001
Liver	239	1.7%	914	0.6%	<0.001	215	1.6%	853	0.6%	<0.001
Head or neck	575	4.0%	2,789	1.8%	<0.001	529	4.0%	2,546	1.8%	<0.001
Esophageal	183	1.3%	549	0.3%	<0.001	181	1.4%	510	0.4%	<0.001
Ovarian	307	2.1%	1,203	0.8%	<0.001	302	2.3%	1,142	0.8%	<0.001
Cervical	79	0.5%	869	0.6%	0.951	74	0.6%	818	0.6%	0.901
Other	7,250	50.4%	119,587	76.2%	<0.001	6,721	50.4%	110,174	75.8%	<0.001

Abbreviations: LTD, Long-term disability; STD, short-term disability