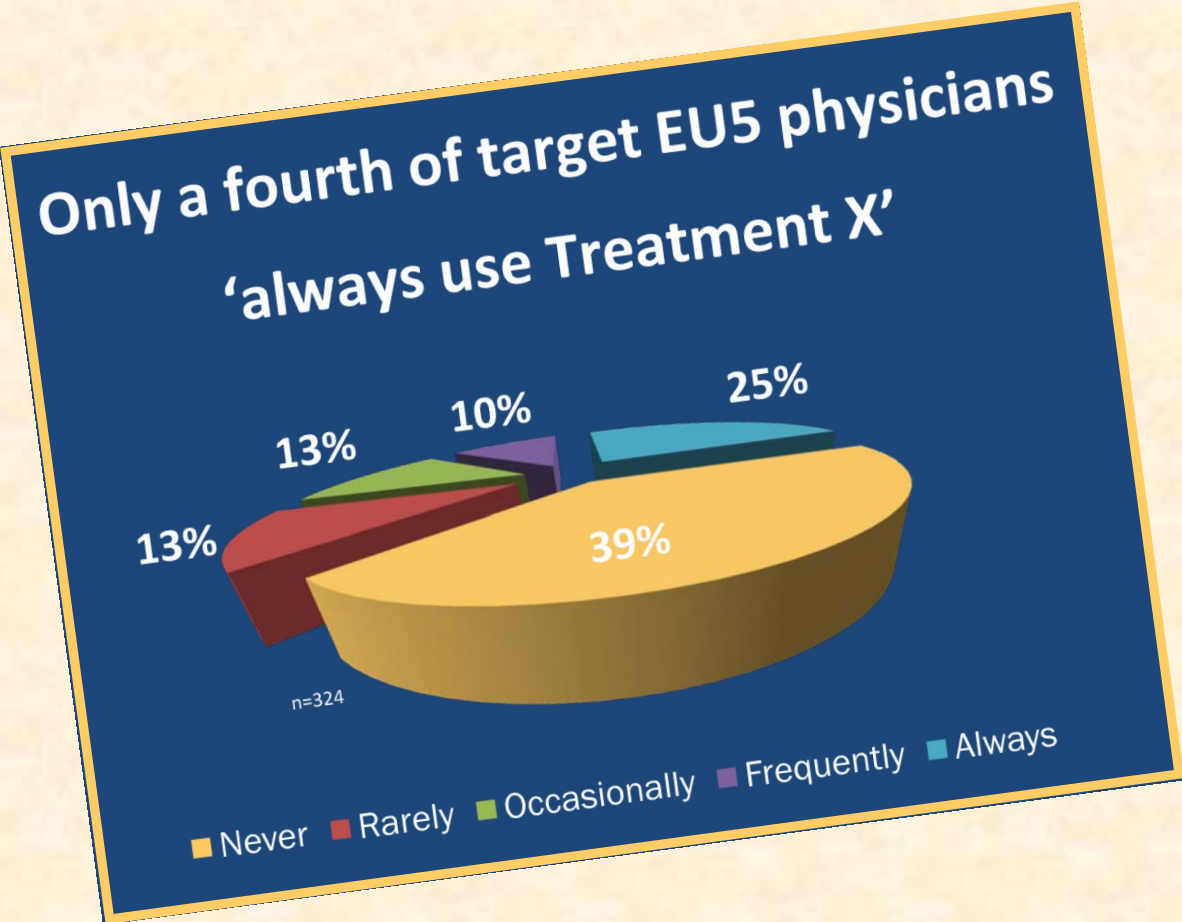


# Treating Cancer X in the EU5

We compared the use of a certain treatment for Cancer X across the EU5 nations of France, Germany, Italy, Spain, and the UK in a retrospective landscape treatment study using chart audits. We found that although physicians reported they most often follow guidelines, few of them said they always use guideline-recommended Treatment X. Actual chart data confirmed underuse of this treatment, and we found wide variations between nations in its use. We also found disparities between nations in how many study physicians had completed specialized oncology fellowships and in physicians' volume of Cancer X cases. We recommended country-specific efforts to promote use of Treatment X.



Physicians at a Glance						
Attribute	France (A)	Germany (B)	Italy (C)	Spain (D)	UK (E)	EU5
Mean number of years qualified in specialty	10.3	13.3	13.5	14.1	11.3	12.6
				A		
Male	97%	83%	89%	92%	94%	91%
	B					
Setting in which physician treats majority of Cancer X patients						
Community office/community center/nonteaching hospital	47%	75%	69%	40%	30%	52%
		ADE	ADE			
University/academic hospital	53%	25%	31%	60%	70%	48%
	BC			BC	BC	
Completed fellowship in specialty X	95%	90%	90%	65%	46%	77%
% who report they follow guidelines (mean)	79.3%	79.2%	80.6%	80.0%	80.6%	79.9%
	DE	DE	DE			
Number of physicians	58	72	62	65	67	324
Patients at a Glance						
Attribute	France (A)	Germany (B)	Italy (C)	Spain (D)	UK (E)	EU5
Mean age	66.7	66.5	65.8	65.7	68.1	66.7
	C	C		C	B	
Female	77%	72%	73%	88%	74%	77%
	B			BCE		
Cancer subtype*						
Subtype X	85%	88%	80%	91%	97%	89%
					ABC	
Subtype XX	8%	6%	19%	9%	4%	8%
			BE			
Subtype XXX	10%	15%	4%	7%	8%	9%
		C				
Cancer stage						
Stage Y	7%	7%	0%	3%	4%	4%
	C	C				
Stage YY	65%	61%	45%	29%	63%	54%
	CD	D			CD	
Stage YYY	28%	32%	55%	68%	33%	42%
			ABE	ABE		
% of Procedure Z actually followed by Treatment X	22%	39%	38%	41%	71%	43%
		A	A	A	ABCD	
Number of patients	180	145	120	142	184	771

\*Sums of subtypes exceed 100% because a patient may have more than 1 tumor. Results are based on two-sided tests assuming equal variances with significance level 0.05. For each significant pair, the letter of the smaller category appears in the bar of the category with larger mean. Z tests for column proportions were adjusted for all pairwise comparisons within a row of each innermost subtable using the Bonferroni correction.

Private and confidential; no reproduction permitted; certain outputs of this example presentation were altered to protect client confidentiality.