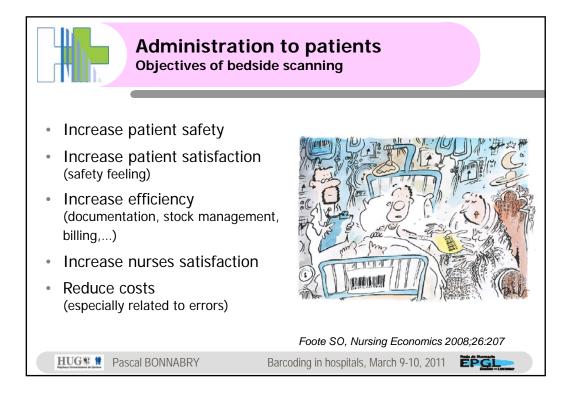
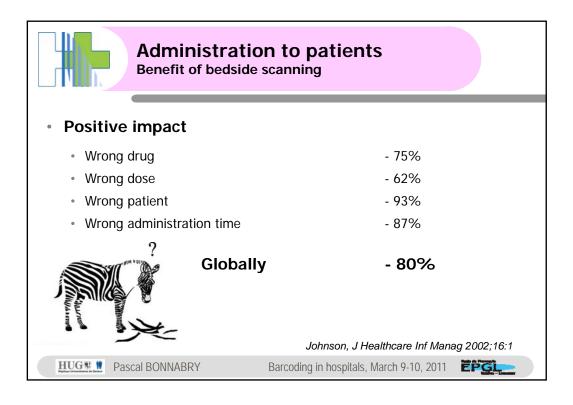
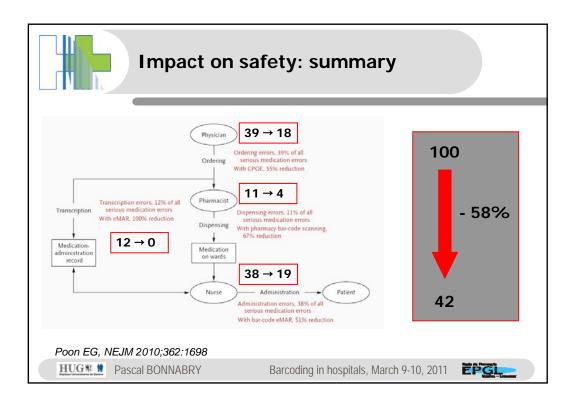


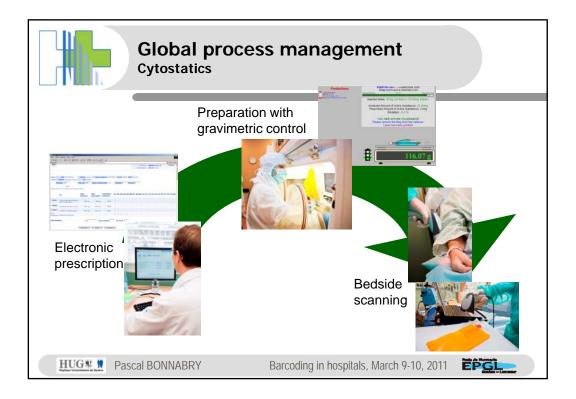
Admi Error ra		n to patients				
	Error Category	0 ve rall				
	Omission Wrong dose Unauthorized drug Wrong form Extra dose Wrong route Wrong technique Wrong time Total errors No error <b>Total Doses</b>	183 (6) 103 (3) 2 2 (1) 20 (1) 10 (0) 6 (0) 2 (0) 259 (8) 605 (19) 2611 (81) 3216 (100)				
Observation study in 36 institutions Barker KN, Arch Intern Med 2002;162:1897						
HUG V M Pascal BONNAE	BRY E	Barcoding in hospitals, March 9-10,	2011 EPGL			

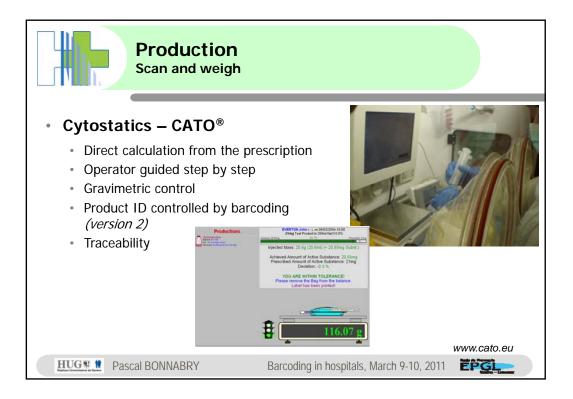


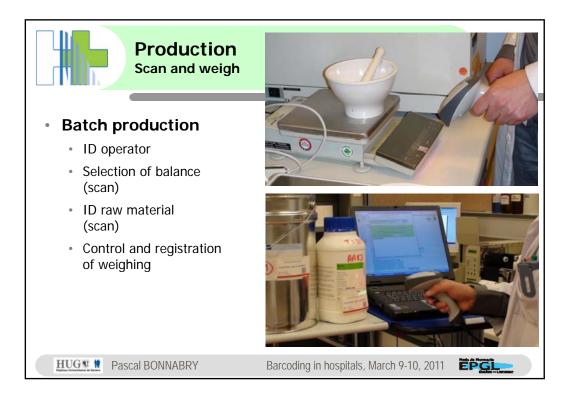


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Bene	fit of k	pedsid	e scanning	g		_		_
Table 2. Nontiming Medication-Administration	on Errors and Pot	ential Adverse	Drug Events on Units with	out and Thos	e with the Bar-Co	de eMAR.☆		
Nontiming Administration Errors	Medication Errors			Potential Ad		verse Drug Events		
	Units without Bar-Code eMAR (N = 6723 doses)	Units with Bar-Code eMAR (N=7318 doses)	Relative Change in Error Rate	P Value	Units without Bar-Code eMAR (N = 6723 doses)	Units with Bar-Code eMAR (N = 7318 doses)	Relative Change in Error Rate	P Value
	no. of errors	(% of doses)	% (95% CI)		no. of errors	(% of doses)	% (95% CI)	
Total errors	776 (11.5)	495 (6.8)	-41.4 (-34.2 to -47.6)	< 0.001	213 (3.1)	114 (1.6)	-50.8 (-39.1 to -61.7)	<0.001
Error type								-
Oral vs. nasogastric-tube administration	298 (4.4)	260 (3.6)	-19.9 (-6.6 to -33.3)	0.003	0	0	-	_
Error in administration documentation	192 (2.9)	41 (0.6)	-80.3 (-73.7 to -87.0)	< 0.001	86 (1.3)	18 (0.2)	-80.3 (-70.7 to -90.5)	<0.001
Dose error	136 (2.0)	84 (1.1)	-41.9 (-27.9 to -58.7)	< 0.001	63 (0.9)	46 (0.6)	-33.0 (-10.5 to -59.6)	0.005
Wrong medication	64 (1.0)	29 (0.4)	-57.4 (-39.2 to -76.3)	< 0.001	9 (0.1)	10 (0.1)	2.1 (-89.8 to 93.7)	0.97
Error in directions, monitoring, or both	37 (0.6)	46 (0.6)	18.9 (-33.9 to 68.4)	0.51	28 (0.4)	32 (0.4)	10.0 (-47.0 to 64.4)	0.76
Administration without order	19 (0.3)	8 (0.1)	-60.7 (-29.4 to -93.3)	<0.001	12 (0.2)	2 (0.03)	-83.3 (-70.7 to -90.5)	<0.001
Errors in routes of administration other than oral or nasogastric tube	17 (0.3)	6 (0.1)	-68.0 (-37.4 to -97.7)	<0.001	7 (0.1)	2 (0.03)	-70.0 (-32.6 to -99.9)	<0.001
Other errors	16 (0.2)	21 (0.3)	20.5 (-57.9 to 98.7)	0.61	8 (0.1)	4 (0.05)	-54.0 (-99.9 to 0.9)	0.05
Severity of potential adverse drug events								
Clinically significant	-	-	—		123 (1.8)	69 (0.9)	-48.5 (-33.9 to -64.0)	< 0.001
Serious	—	-	—		88 (1.3)	44 (0.6)	-54.1 (-36.8 to -70.4)	< 0.001
Life-threatening	-	-	_		2 (0.03)	1 (0.01)	-53.9 (-99.9 to 56.4)	0.34
					_		IM 2010;362:	

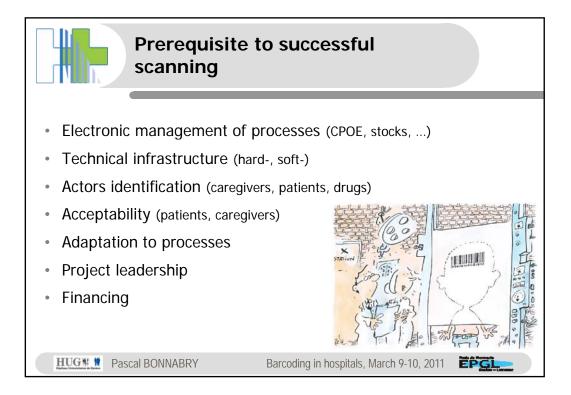


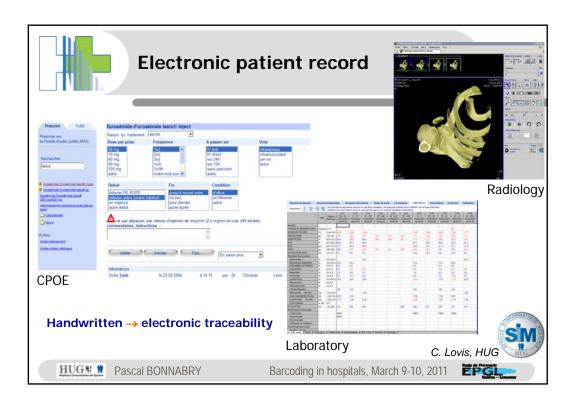






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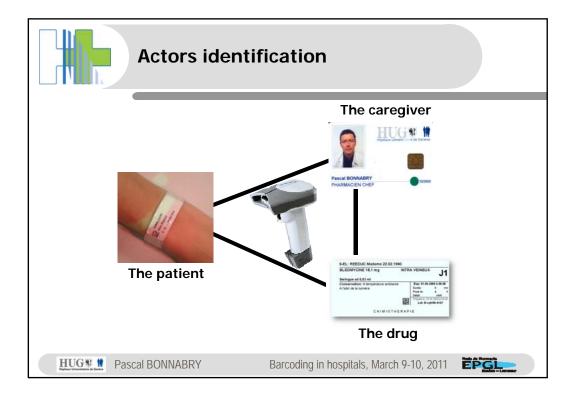


Table 1 Support for					by pa	
Variable	N	Hospital sh compulsory	nould introduce y wearing of on bracelet	Would during	wear such a bracelet a future disation ee)	
Overall	1289	83.6		90.2		
Examples of situations in w identification was a concerr Given Not given		87.9 79.2	(p<0.001)	92.2 88.1	(p=0.015)	
Means of patient identificat Patient name Anonymous code	ion on bracelet 626 636	83.7 83.5	(p=0.92)	90.2 90.2	(p=0.98)	
$p$ values based on $\chi^2$ tests.	C.					and the second stand
					Cléc	pas A, Qual Saf Health Care 2004;13:344
HUG						Red & Result

