

APPENDIX

Annual hypertension control rates within different patient samples in KPNC between 2001-2009.

eTable 1 below shows the yearly rate of hypertension control comparing data from an internal health plan-wide hypertension registry as compared with the NCQA HEDIS commercial sampling methodology.

eTable 1. Annual hypertension control rates within KPNC using an internal hypertension registry compared with the NCQA HEDIS commercial sample between 2001-2009.

Year	Internal Hypertension Registry Control Rate			NCQA HEDIS Hypertension Control Rate		
	Numerator	Denominator	Rate (95% CI)	Numerator	Denominator	Rate (95% CI)
2001	83,909	234,852	35.7% (35.4-36.1%)	193	443	44% (39-49%)
2002	127,169	265,701	47.9% (47.6-48.1%)	238	455	52% (47-57%)
2003	Data not available*		56.4%	238	455	52% (47-57%)
2004	Data not available*		61.3%	268	472	57% (53-61%)
2005	Data not available*		71.2%	360	472	76% (72-80%)
2006	Data not available*		74.8%	346	472	73% (69-77%)
2007	249,577	327,673	76.2% (76.0-76.3%)	245	321	76% (71-81%)
2008	257,399	336,425	76.5% (76.3-76.8%)	258	321	80% (76-84%)
2009	269,128	344,815	78.0% (77.7-78.3%)	258	321	80% (76-84%)

*data not available for years 2003-2006

KPNC Diabetes Registry Inclusion Criteria

The presence of diabetes mellitus was determined using a regional diabetes registry modeled after an approach described previously (see manuscript), which included members meeting any of the following criteria in the prior 24 months: ≥ 2 ambulatory diabetes-related