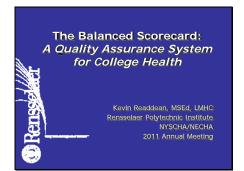
Slide 1



Slide 4



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Slide 3



Slide 6



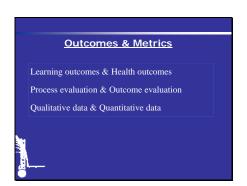
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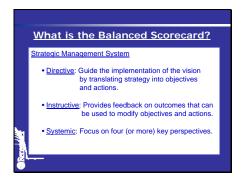
Slide 10



Slide 8



Slide 11



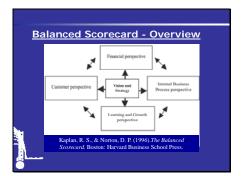
Slide 9



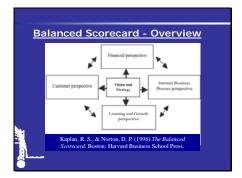
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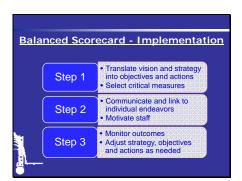
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Slide 19



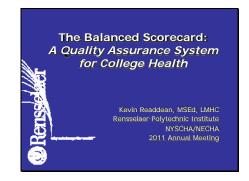
Slide 22

	Strategic Objectives	Strategic Measures	Target outcomes	Initiatives
Customer				
Internal				
Innovation – Learning				
Financial				

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Rensselaer Student Health Center Balanced Scorecard 1,2,3 FY 2010

	Strategic Quality Assurance Objectives	Strategic Measurements	Outcomes	
Customer	Maintain strong customer satisfaction. ⁴	Web-based patient satisfaction surveys.	2009-2010 Overall Satisfaction: Medical = 87% (n=2701), Counseling = 94% (n=205).	
	Provide culturally appropriate services to diverse populations. ⁵	Service utilization data by subpopulations.	Spring 2010 utilization data suggests that two underrepresented ethnic groups are not using SHC services in proportion to (or above) their representation in the general population.	
Cust	Ensure access to services (w/in 24 hours medical & w/in 5 days counseling for 90% of students). 6,7	Satisfaction survey question re: time to scheduled appointment.	2009-2010 Satisfaction Survey data reveal most students are given timely appointment: Medical = 93%, Counseling = 89%.	
	Offer dynamic Health Education/Outreach programs based on needs assessment. ⁸	NCHA data ⁹ ; Program Evaluations	"Program added to my knowledge of this topic." (SA=1 - SD=5) Average = 1.74, 7 topic areas, n=893 of 1200.	
	Achieve full MMR compliance by December 1. 10	Percentage of students who have fulfilled the MMR requirement.	Fall 2009 compliance at 99.4%.	
_	Conduct at least two evidence-based medical treatment outcome study per year. 11	As outlined in Asthma management ¹² QI study and Pharyngitis ^{13, 14} QI study	Met 2 of 4 thresholds in the asthma study 10*. Met 1 of 4 thresholds in pharyngitis study 11*.	
Internal	Increase knowledge about alcohol, decrease risk behaviors,	Pre- and Post-tests	A statistically significant increase in knowledge from pre-test to post-test was found (n=40; t=16.4065, p < 0.0001).	
	Measure response to counseling outreach message given in Abnormal Psychology Class.	Counseling Impact Scale	Reported perception of counseling impact on behaviors increased from pre- to post-intervention (2.377, n=69 to 2.544, n=68).	
lopment	Maintain active counseling peer review system. 16	Counseling Services Peer Review Data	49 charts reviewed: positive outcomes for documentation and appropriateness of care; deficiencies noted in intake diagnoses.	
al Deve	Support the attendance of clinical providers at a minimum of one professional conference per year. 17	Percentage of providers attending a professional conference; number of CME/CEU obtained.	100% of staff attended 65 professional development events earning a total of 228.75 CME credits.	
Professional Development	Increase the use of electronic charting by medical staff; use of EHR scenario by all staff, for at least one condition, by year end. 18	Number of staff using scenario; number of scenarios being used.	100% of medical staff are using the 13 medical EHR forms that have been developed to date.	
cial	Implement a high-value, low-cost health insurance program. 19	Benefit value for premium of new insurance bid.	RPF Bid process reduced 2010-2011 insurance premium by 22% while enhancing Rx benefit.	
Financial	Conduct one cost-of-care study per year. 11	Benchmark cost-of-care in college or community setting: Pharyngitis study; Medical Supplies.	Two cost of care studies conducted. Determined most cost effective drug to treat Pharyngitis and most cost effective vendor for medical supplies.	

Rensselaer Student Health Center Balanced Scorecard - FY 2010

	Strategic Quality Assurance Objectives	Strategic Measurements	Outcomes			Action/Plan	
	Maintain strong customer satisfaction.4	Web-based patient satisfaction surveys.	2009-2010 Overall Satisfaction: Medical = 87%, Counseling = 94%				Address issues identified in medical services. Continue to administer surveys.
			<u>Ethnicity</u>	<u>RPI</u>	Counseling	<u>Medical</u>	Preliminary, one
			African American (BI)	3%	3%		semester data. Continue
			Asian (As)	9%	7%		to monitor before
	Provide culturally	Service utilization	Hawaiian/Pacific Is.	0%	0%		developing action plan.
	appropriate services to	data by	Hispanic (H_)	5%	3%	4%	
	diverse populations.⁵	subpopulations.	Multiple Ethnicities Reported	2%	4%	5%	
			Native American/Alaskan (Al)	0%	0%	0%	
			No Ethnicity Reported	0%	5%	6%	
Customer			White	81%	77%	68%	
	Ensure access to services (w/in 24 hrs. health & 5 days counseling for 90% of students). 6,7	Satisfaction survey question re: time to scheduled appointment.	2009-2010 Satisfaction Survey data reveal most appointments are given timely appointment: Medical = 93%, Counseling = 89%			Continue to monitor time to scheduled appointment.	
	American College Health Association National College Health Assessment		• Respondents top 3 reported health re Sleep (18.3%), Cold/Flu (18.3%) • Any alcohol use in past 30 days: gene general, alcohol related risk factors we & Athletes, vs. non-Greeks & non-Athle	elated ral popre high	oulation=59%, a	cts in past 12 months: Stress (25%), athletes=69%, Greeks=88%; In	Increase stress, sleep and exercise programs; Target alcohol programming to Greeks and Athletes; Continue safer sex education
		(NCHA) Data. ⁹	 30 day condom use (mostly or always) = 63% for vaginal sex, 29% for anal sex, 5% for oral sex Average BMI = 23.7 (healthy weight); 48% met national exercise requirements²⁰ 				programming
			<u>Topic Area</u>	<u>N</u>		Evaluation Rating	Lowest impact: PRIME is
	5555511161161	strongly agree (1) to strongly disagree (5)	Alcohol	83		1.8	mandated program;
			Nutrition	24		1.8	improvements planned to Safe Zone program
			PRIME	39		1.9	
			Safe Zone	489		1.8	
			Safer Sex	206		1.6	
			Sexual Assault	43		1.5	
			Stress	9		1.6	

Rensselaer Student Health Center Balanced Scorecard - FY 2010

	Strategic Quality Assurance Objectives	Strategic Measurements	Outcomes	Action/Plan
	Achieve full MMR compliance by December 1. 10	Percentage of students who have fulfilled the MMR requirement.	Fall 2009 compliance at 99.4%.	Continue to monitor.
Internal	Conduct at least two evidence-based medical treatment outcome study per year. ¹¹	As outlined in Asthma management ¹² QI study.	Met NHLBI treatment and education thresholds; below threshold for PFT administration.*	Create electronic asthma flow sheet in EHR; re-study in fall.
		As outlined in Pharyngitis ^{13, 14} QI study.	Met one of four thresholds based on CDC criteria.8*	Educate Medical Staff; Develop form that includes criteria and CDC treatment recommendations, re- study fall 2010.
	rease knowledge about alcohol, decrease behaviors, and increase protective Pre- and Post-tests paviors of PRIME program participants. 15		A statistically significant increase in knowledge from pre-test (μ = 46.25%) to post-test (μ = 83.75%) was found (n=40; t=16.4065, p < 0.0001).	Increase number of test items from 10 to 20 to assess additional content.
	Measure response to counseling outreach message.	Counseling Impact Scale - 5 point scale, based on Stages of Change Theory, measuring student perception of counseling impact on their behaviors (1=no impact to 5=significant impact).	Reported perception of counseling impact on behaviors increased from pre- to post-intervention (2.377, n=69 to 2.544, n=68).*	Re-study with utilization of a control group to improve confidence in findings.

^{*} see complete study for details

Rensselaer Student Health Center Balanced Scorecard - FY 2010

	Strategic Quality Assurance Objectives	Strategic Measurements	Outcomes	Action/Plan
	Implement a high-value, low-cost health insurance program. ¹⁹	•	l •	Re-bid in 5 years or sooner if necessary.
	Conduct at least one cost-of-care study per year. ¹¹	Benchmark cost-of-care in college or	should be Amoxicillin 500 TID (for non-penicillin allergic students)*.	Educate Medical Staff, Include recommended 1st, 2nd, and 3rd line Rx on EHR.
			McKesson Medical was the most cost effective	Re-study in 3 years.
		community setting: Medical Supplies QI study.	vendor for medical supplies*.	

^{*} see complete study for details

Footnotes

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- ² Gurd, B. & Gao, T. (2008). Lives in the balance: An analysis of the balanced scorecard (BSC) in healthcare organizations. Journal of Productivity and Performance Management, 57(1), 6-21.
- 3 Zelman, W. N., Pink, G. H. & Matthias, C. B. (2003). Use of the balance scorecard in health care. Journal of Healthcare Finance, 29(4), 1-16.
- ⁴ Campbell, T. A., Auerbach, S. M., & Kiesler, D. J. (2007). Relationship of Interpersonal Behaviors and Health-Related Control Appraisals to Patient Satisfaction and Compliance in a University Health Center. Journal of American College Health, 55(6), 333-340.
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- ⁷ Eisenberg, D., Golberstein, E. & Gollust, S. E. (2007). Help-Seeking and Access to Mental Health Care in a University Student Population. Medical Care, 45(7), 594-601.
- 8 American College Health Association (2001). Standards of Practice for Health Promotion in Higher Education. Linthicum, MD: American College Health Task Force on Health Promotion in Higher Education.
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- 10 New York State Public Health Law, Article 21, Control of Acute Communicable Diseases, Title 6, Poliomyelitis and Other Diseases, Sections 2164-2168.
- 11 Accreditation Association for Ambulatory Health Care. (2009). Accreditation Handbook for Ambulatory Care. Skokie, IL.
- 12 National Heart, Lung, and Blood Institute. (2007). Expert Panel Report 3: Guidelines for the Diagnosis and Management of Asthma. US Department of Health and Human Services, Washington, DC.
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- 15 Beadnell, B., Nason, M., & Rosengren, D. B. (2009). Comparative impact of PRIME For Life in North Carolina: 2007-2009. Manuscript in preparation.
- ¹⁶ Gillig, P. M. & Barr, A. (1999). A model for multidisciplinary peer review and supervision of behavioral health clinicians. *Community Mental Health Journal*, 35(4), 361-365.
- ¹⁷ Miller, S. H., Thompson, J. N., Mazmanian, P. E., Aparicio, A. Davis, D. A., Spivey, B. E., & Kahn, N. B. (2008). Continuing medical education, professional development, and requirements for medical licensure: A white paper of the conjoint committee on continuing medical education. *Journal of Continuing Education in the Health Professions*, 28(2), 95-98.

- 18 Steinfeld, B., Ekorenrud, B., Gillett, C., Quirk, M. & Eytan, T. 2006). EMRs Bring all of Healthcare Together. Behavioral Healthcare, 26(1), 13-17.
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