Innovation Learning Collaborative 1 Pediatric Eating And Swallowing

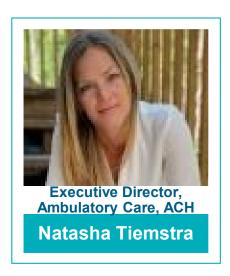
Provincial Project



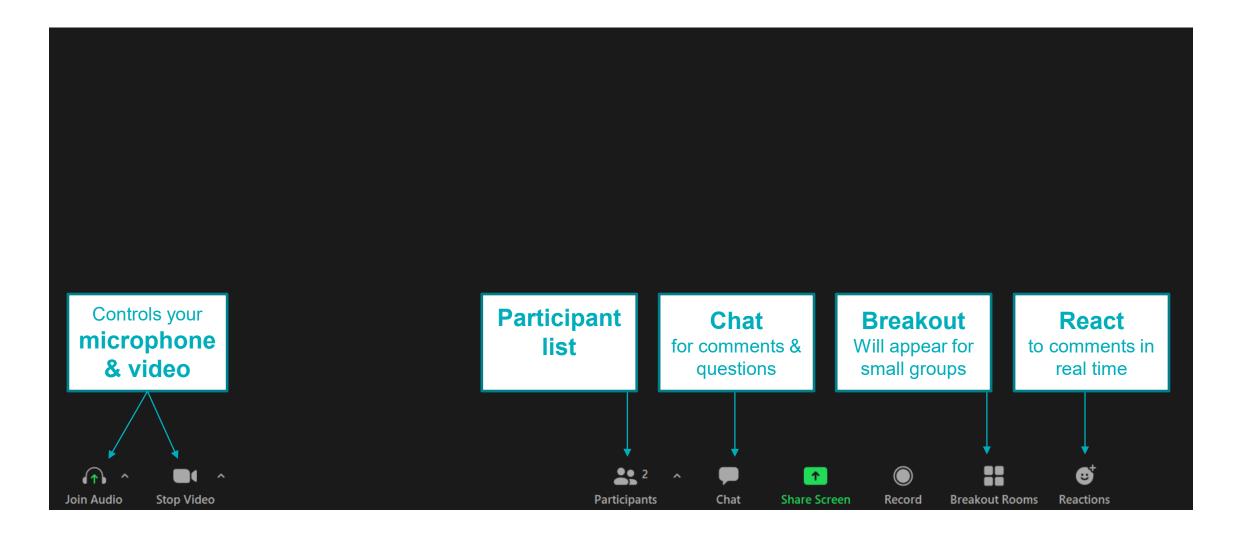
Welcome

Introductions & Objectives

- Quality Improvement focus
- Teams will each create a Balanced Scorecard, and an Action Plan









ILC 1 Session Agenda

```
12:30 pm Welcome & Overview
12:40 pm Family & Provider Story
12:55 pm ILC Methodology
1:15 pm PEAS Key Performance Indicators
1:35 pm
         Break
         Small Group Breakout: Develop Balanced Scorecards
1:45 pm
2:30 pm
         Small Group Breakout: Develop Action Plans
3:25 pm
         Report Out
         Wrap-Up & Next Steps
3:55 pm
4:00 pm
         Adjournment
```

PEAS Training – completed

Topic	Date
✓ Overview & New Tools	✓ Summer & Fall 2020
✓ Clinical Practice Guide	✓ Summer & Fall 2020
✓ Collaborative Practice & Roles	✓ Summer & Fall 2020
✓ Collaborative Practice & Roles	✓ Summer & Fall 2020
 for managers & practice leaders 	
✓ PEAS Innovation Learning Collaborative Orientation	✓ Nov 25, 2020
✓ SLP Grand Rounds: Clinical Practice Guide	✓ Dec 2, 2020
(all disciplines welcomed)	

Online recordings: https://peas.albertahealthservices.ca/Page/Index/10176

PEAS Training – upcoming

Topic	Date		
☐ ILC 1: Scorecards & Action Plans (3.5 hrs)	Feb 4, 2021		
 ■ Education Session 1: Clinical (1hr) Dr. Alan Silverman Pediatric Feeding Disorder diagnosis and case studies 	Mar / Apr 2021		
☐ Education Session 2: Quality Improvement (1hr)	May / Jun 2021		
□ ILC 2: Scorecards & Action Plans (3.5 hrs)	Sep / Oct 2021		
☐ Education Session 3: Clinical (1hr)	Oct / Nov 2021		
☐ Education Session 4: Quality Improvement (1hr)	Jan / Feb 2022		
☐ ILC 3: Scorecards & Action Plans (3.5 hrs)	Feb / Mar 2022		

Online recordings: https://peas.albertahealthservices.ca/Page/Index/10176

Updates

International Pediatric Feeding Disorder Conference Virtual | April 29 - 30, 2021

https://www.feedingmatters.org/international-pfd-conference/

\$100 to \$250 USD before Feb 28

AHS receives a 20% off discount

Code: ALBERTAIPFDC

© Bonus: PEAS will be presenting on Collaborative Practice & Roles

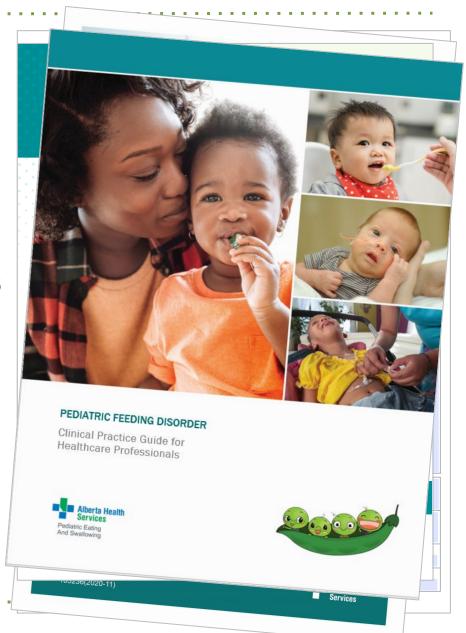
Updates

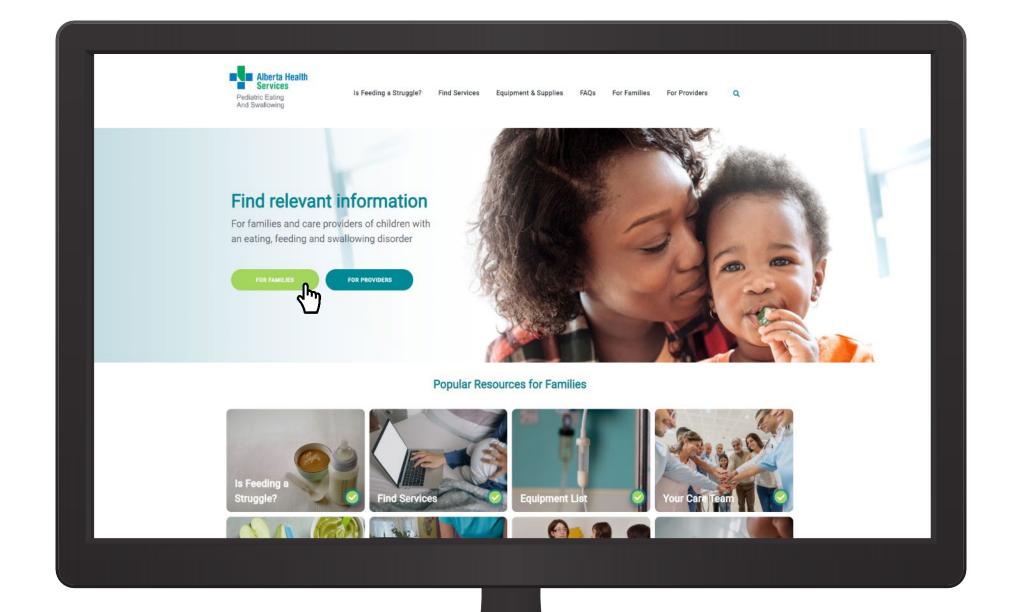
PEAS Clinical Practice Guide updated

- ✓ Pediatric Feeding Disorder terminology
- ✓ Minor terminology updates to Table 8: Signs of Swallowing Safety Concern in Infants and Management Strategies

New Handouts

- ✓ Aspiration: Is my child at risk? (collaboration with Holland-Bloorview)
- ✓ PEAS Website handout for families
- ✓ Goal Wheel now a fillable form





Family Story Amanda Stappler





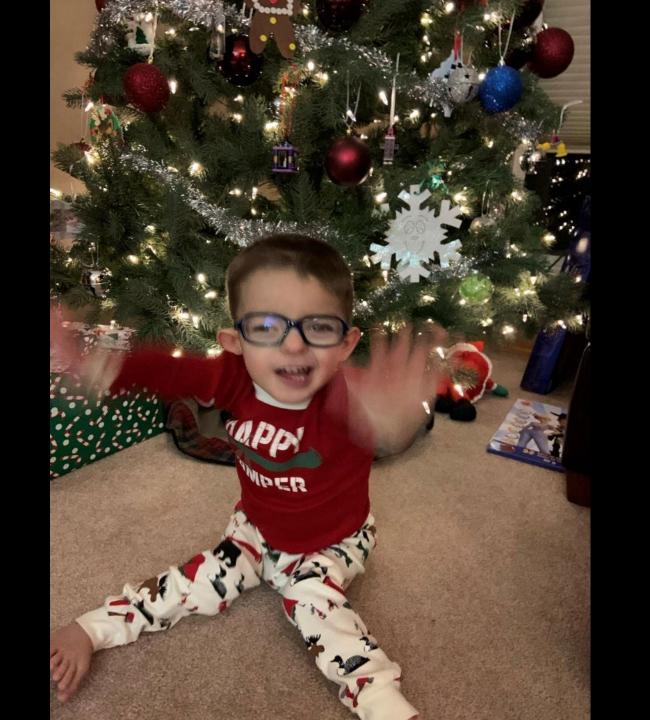












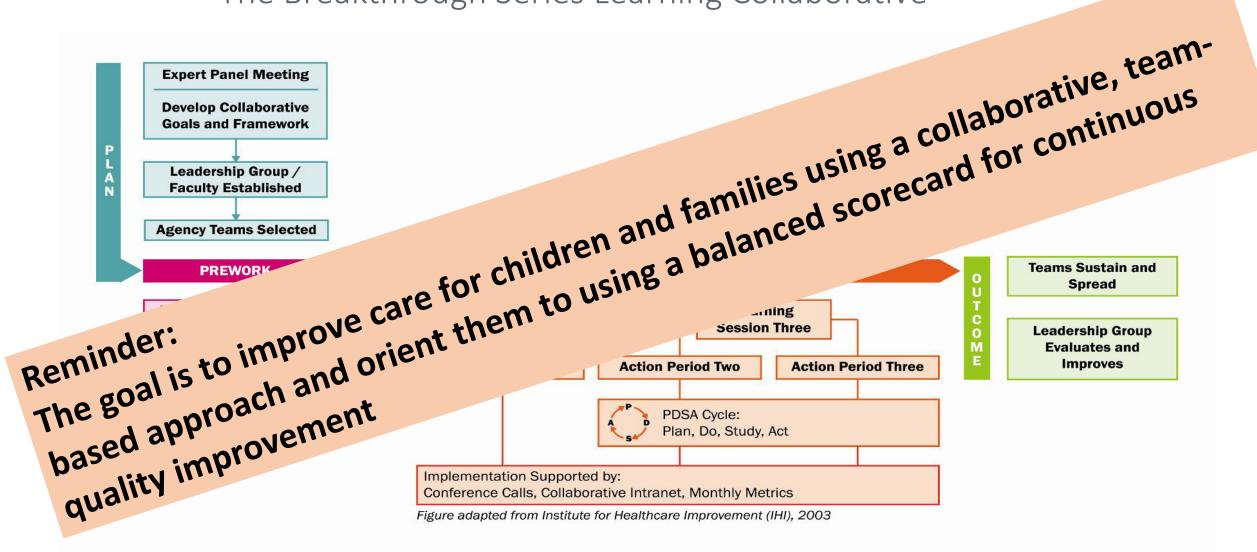


ILC Methodology – Building A Scorecard





The Breakthrough Series Learning Collaborative



Innovation Learning Collaborative Teams

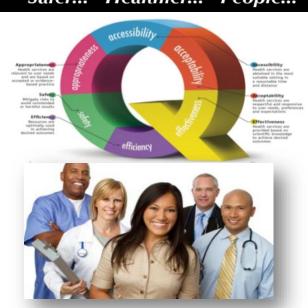
Clinician-lead site teams

- Physicians
- Nurses
- Allied health professionals
- Administration

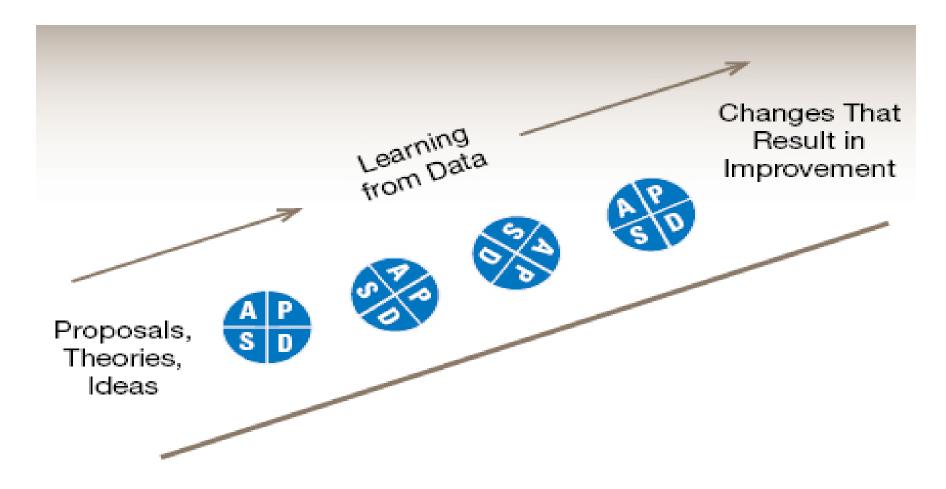
Work collaboratively

- over a period of time
- on local improvements
- toward system-wide outcomes.





THE PDSA Rapid Improvement Cycle



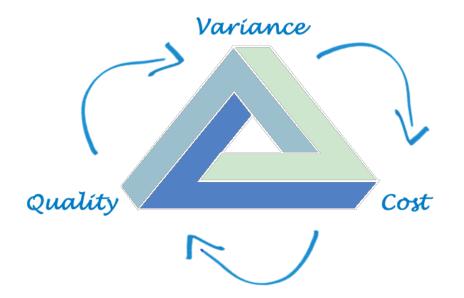
Balanced Scorecard

- Underlying Principles
 - What gets measured gets attention
 - Need common measures
 - "Less is more"
 - Need measures of relevance



Balanced Scorecard

- Balanced measures recognize
 - Limited resources
 - Operational realities
 - Competing priorities



Quality Defined & Targeted



Selecting Measures

- 1. Easy to Measure (accessible, timely)
- 2. Simple to Understand
- 3. Discrete Number
- 4. Avoid Ratios (unless appropriate)
- 5. Wholistic (most representative of continuum)
- 6. Opportunity for Improvement

In other words, be SMART

specific

Measurable

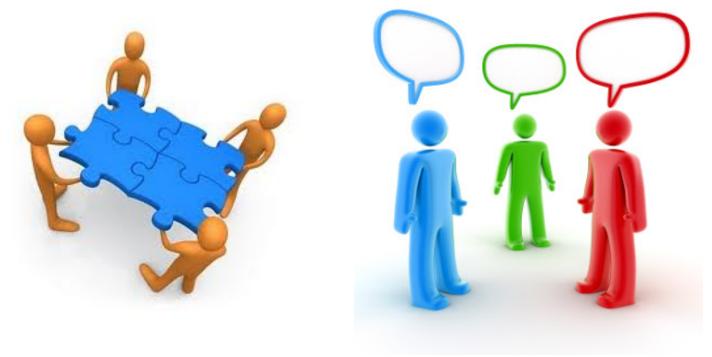
Attainable

Realistic

Timely

What is Optimum?

• The best result obtainable under specific conditions.



Random House Dictionary, 2010

Balancing Unintended Consequences



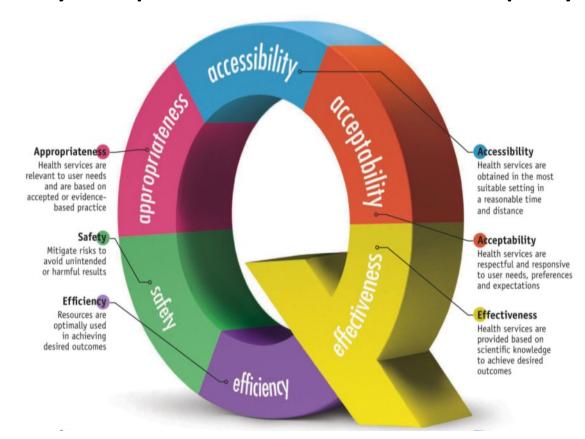
Putting it all together

➤ Building a
Balanced
Scorecard &
Action Plan



Balanced Scorecard: Step 1

• STEP 1: Identify an improvement indicator under each quality dimension



Quality Dimension	PEAS Key Performance Indicators (KPIs) Jan 5, 2021 draft	Data Source
Acceptability	 % of families who indicate that they are involved as much as they want to be in decisions about their child's care and treatment. (Target = increase in "Always and Usually" collated %) 	• Family Survey
Accessibility	 % of families who indicate that they have to wait too long to access care (Target = reduction in %) Clinic self-reported indicators: a. % of urgent patients that are seen within 2 weeks for assessment b. % of routine patients that are seen within 6 weeks for assessment c. (Additional indicator: Ability to see follow-up patients in a timely way) 	Family SurveySelf-reporting tool (completed by Team Leads)
Appropriateness	4. % of patients reporting that they have an EFS Care Plan (Target = increase in %)	• Family Survey
Efficiency	 % of patients admitted to hospital quarterly in relation to feeding/swallowing issues (e.g. aspiration, malnutrition, dehydration) (Target = reduction in %) 	 Patient list sent to analyst who matches to hospital data
Safety	 % of patients seen in an ED quarterly in relation to feeding/swallowing issues (e.g. aspiration, malnutrition, dehydration) (Target = reduction in %) 	Patient list matched to hospital data
Effectiveness	 Clinic Self-Reported measure based on levels of achievement towards implementing the PEAS clinical pathway (reporting tool) (Target = increase in performance level) Note: Additional indicator available depending on sample size: % of families with reduction in family impact score (quality of life) 	Self-reporting tool (completed by Team Leads)FS-IS Survey

Team Name:	Date:

Your goal: Set up your Balanced Scorecard Template by populating your target, low, and optimization weights.

Instructions:

- 1. As a team, review your current performance by looking at your Online Balanced Scorecard. (Take it with a grain of salt if there is not a lot of data at this time).
- 2. Identify if there are any other indicators you want to measure in addition to or instead of the ones on the template. Add these to this template under the most fitting Quality Dimension.
- 3. Fill out the Yellow cells with your Target (Level 10), and your lowest level of achievement (Level 1). If the cell is not Yellow, do not fill it in as the PEAS Team will do the rest based on your responses.
 - Note: if there is an issue with your baseline (ie: Level 3, Current performance) you can indicate what you think it should be in the Baseline Row (Level 3).

(Team Leads to use)

- 4. Using 100 points, distribute Optimization Weights to prioritize the key performance indicators that are most important to your team.
- 5. Save the template on the PEAS ILC SharePoint Site. The PEAS Team will update your online balanced scorecard accordingly.

Helfpul Tools & Links: Online Balanced Comparison to all Self-reporting tool Family Survey FS-IS Quality of Life PEAS ILC SharePoint PEAS Backgrounder to update Current dashboard survey dashboard (includes list of Scorecard PEAS services indicators on Page 3) (ie: how many surveys (Provincial aggregate) Performance have been completed

by clinic)

Quality Dimension:	Acceptability	appropriateness	Efficiency	Safety	Effectiveness		Accessioner	
	% of families who	% of patients or	% of patients	% of patients seen in	Self-Reported	% of families who	% of routine patients	% of urgent patients
	indicate that they are	families reporting	admitted to hospital	an ED quarterly in	measure based on	•	that are seen within 6	
	involved as much as	that they have an EFS	quarterly in relation	relation to feeding/	levels of achievement	have to wait too long	weeks for assessment	weeks for assessment
	they want to be in	Care Plan	to feeding/	swallowing issues	towards	to access care		
	decisions about their		swallowing issues	(e.g. aspiration,	implementing the			
	child's care and		(e.g. aspiration,	malnutrition,	PEAS clinical pathway			
	treatment		malnutrition,	dehydration)				
			dehydration)					
Performance Level								
10	100%	100%	10%	10%	10	15%	100%	100%
9					9			
8					8			
7					7			
6					6			
5					5			
4					4			
BASELINE - 3	FYI: See online	FYI: See online	FYI: See online	FYI: See online	3	FYI: See online	FYI: See online	FYI: See online
(Current performance)	scorecard	scorecard	scorecard	scorecard	5	scorecard	scorecard	scorecard
2					2			
1	60%	0%	50%	50%	1	80%	70%	50%
Optimization Weights	15	15	20	20	15	5	5	5
Total = 100)	15	15	20	20	15	,	,	,

= Total

Balanced Scorecard: Step 2

- STEP 1: Identify an improvement indicator under each quality dimension
- STEP 2: Determine the degree of importance of each improvement indicator

Team Name:	Date:

Your goal: Set up your Balanced Scorecard Template by populating your target, low, and optimization weights.

Instructions:

- 1. As a team, review your current performance by looking at your Online Balanced Scorecard. (Take it with a grain of salt if there is not a lot of data at this time).
- 2. Identify if there are any other indicators you want to measure in addition to or instead of the ones on the template. Add these to this template under the most fitting Quality Dimension.
- 3. Fill out the Yellow cells with your Target (Level 10), and your lowest level of achievement (Level 1).
- If the cell is not Yellow, do not fill it in as the PEAS Team will do the rest based on your responses.
- Note: if there is an issue with your baseline (ie: Level 3, Current performance) you can indicate what you think it should be in the Baseline Row (Level 3).
- 4. Using 100 points, distribute Optimization Weights to prioritize the key performance indicators that are most important to your team.
- 5. Save the template on the PEAS ILC SharePoint Site. The PEAS Team will update your online balanced scorecard accordingly.

Helfpul Tools & Links:

Online Balanced

Scorecard

Comparison to all PEAS services

Performance

Self-reporting tool Family Survey to update Current dashboard

have been completed (Team Leads to use)

by clinic)

FS-IS Quality of Life PEAS ILC SharePoint PEAS Backgrounder

(includes list of survey dashboard

indicators on Page 3) (ie: how many surveys (Provincial aggregate)

Quality Dimension:	Acceptability	Appropriateness	Efficiency	Safety	Effectiveness	Accessibility		
	% of families who	% of patients or	% of patients	% of patients seen in	Self-Reported	% of families who	% of routine patients	% of urgent patients
	indicate that they are	families reporting	admitted to hospital	an ED quarterly in	measure based on	indicate that they	that are seen within 6	that are seen within 2
	involved as much as	that they have an EFS	quarterly in relation	relation to feeding/	levels of achievement	have to wait too long	weeks for assessment	weeks for assessment
	they want to be in	Care Plan	to feeding/	swallowing issues	towards	to access care		
	decisions about their		swallowing issues	(e.g. aspiration,	implementing the			
	child's care and		(e.g. aspiration,	malnutrition,	PEAS clinical pathway			
	treatment		malnutrition,	dehydration)				
			dehydration)					
Performance Level								
10	100%	100%	10%	10%	10	15%	100%	100%
9					9			
8					8			
7					7			
6					6			
5					5			
4					4			
BASELINE - 3	FYI: See online	FYI: See online	FYI: See online	FYI: See online	2	FYI: See online	FYI: See online	FYI: See online
(Current performance)	scorecard	scorecard	scorecard	scorecard	3	scorecard	scorecard	scorecard
2					2			
1	60%	0%	50%	50%	-1	80%	70%	50%
Optimization Weights	15	45	20	20	45	_	_	-
(Total = 100)	15	15	20	20	15	5	5	5

Balanced Scorecard: Step 3

- STEP 1: Identify an improvement indicator under each quality dimension
- STEP 2: Determine the degree of importance of each improvement indicator
- STEP 3: Collect baseline data to populate "as-is" state

PEAS Project Balanced Scorecard





Pediatric Eating And Swallowing Provincial Project

Select Clinic

Test CLINIC

Total Optimization Score (out of 1000)

60

Survey Date Range None - None

	Acceptability	Appropriatene	Efficiency	Safety	Effectiveness		Accessibility	
Performance Level	% of families who indicate that they are involved as much as they want to be in decisions about their child's care and treatment	% of patient/family that have an EFS Care Plan	% of patients admitted to hospital quarterly in relation to feeding/ swallowing issues	swallowing issues (e.g. aspiration,	Clinic Self-Reported measure	% of families who indicate that they have to wait too long to access care		% of urgent patients that are seen within 2 weeks for assessment
10	100.00	100.00	10.00	10.00	10	15.00	90.00	90.00
9	97.73	92.60	18.07	18.07	9	22.27	88.40	85.80
8	95.33	85.50	26.17	26.17	8	29.67	87.00	81.50
7	92.93	78.40	34.27	34.27	7	37.07	85.60	77.20
6	90.53	71.30	42.37	42.37	6	44.47	84.20	72.90
5	88.13	64.20	50.47	50.47	5	51.87	82.80	68.60
4	85./3	57.10	58.57	58.57	4	59.27	81.40	64.20
BASELINE - 3	83.33	50.00	66.67	66.67	3	66.67	80.00	60.00
2	20.02	42 90	74.77	74.77	2	74.07	70.60	55.70
1	78.53	35.80	82.87	82.87	1	81.47	77.20	51.40
Current Performance	0.0	0.0	0.0	0.0	3	0.0	67.00%	67.00%
Current Performance Level	0	0	0	0	3	0	-1	4
Optimization Weights	15	15	20	20	15	5	5	5
 Optimization Score	0	0	0	0	45	0	-5	20
Current Numerator					1		1	1
Current Denominator					1		1	1

Balanced Scorecard: Step 4

- STEP 1: Identify an improvement indicator under each quality dimension
- STEP 2: Determine the degree of importance of each improvement indicator
- STEP 3: Collect baseline data to populate "as-is" state
- STEP 4: Identify measurement tools and strategies (to determine to what extent indicator selected has improved, using a scale of 1-10)

Step 4: Setting Scorecard Targets

Q	UALITY DIMENSION	EFFICNT	SAFE	APPROPT	ACCESBLE	ACCEPTBLE	EFFECTV	
_	ELECTED EASURE	Avg LOS			Time to surgery			
1	ARGETED IDEAL evel 10):	Full compliance to	established standa	ards; non-negotiable	ldeal target negotia	able & based on what is/c achieved in 2 years	an realistically be	
	PERFORMANCE LEVEL	EXAMPLE ONLY						
	8	4.0 T	IDEA	L PERFOR	MANCE			"Ideal" performance sought in period
	7	4.5						
	6	4.9						
	5	5.2						
	4	5.5						
	3	5.8	BAS	ELINE PE	RFORMAI	NCE		Actual performance at start of period
	2	6.0						
	1	> 6.0						
	xample only for EIGHTING (%)	25	20	15	15	15	10	= 100 Total
C	PTIMIZATION SCORE: (Level x Weight)							TOTAL SCORE =

Team Name:	Date:	
	<u></u>	

Your goal: Set up your Balanced Scorecard Template by populating your target, low, and optimization weights.

- Instructions:
- 1. As a team, review your current performance by looking at your Online Balanced Scorecard. (Take it with a grain of salt if there is not a lot of data at this time).
- 2. Identify if there are any other indicators you want to measure in addition to or instead of the ones on the template. Add these to this template under the most fitting Quality Dimension.

have been completed

by clinic)

- 3. Fill out the Yellow cells with your Target (Level 10), and your lowest level of achievement (Level 1).
 - If the cell is not Yellow, do not fill it in as the PEAS Team will do the rest based on your responses.
 - Note: if there is an issue with your baseline (ie: Level 3, Current performance) you can indicate what you think it should be in the Baseline Row (Level 3).

(Team Leads to use)

- 4. Using 100 points, distribute Optimization Weights to prioritize the key performance indicators that are most important to your team.
- 5. Save the template on the PEAS ILC SharePoint Site. The PEAS Team will update your online balanced scorecard accordingly.

 Helfpul Tools & Links:
 Online Balanced
 Comparison to all
 Self-reporting tool
 Family Survey
 FS-IS Quality of Life
 PEAS ILC SharePoint
 PEAS Backgrounder

 Scorecard
 PEAS services
 to update Current
 dashboard
 survey dashboard
 (includes list of (ie: how many surveys)

 Performance
 (ie: how many surveys)
 (Provincial aggregate)
 indicators on Page 3)

Quality Dimension: Acceptability Efficiency Safety Accessibility **Appropriateness** Effectiveness % of families who % of patients or % of patients % of patients seen in Self-Reported % of families who % of routine patients % of urgent patients admitted to hospital that are seen within 6 that are seen within 2 measure based on indicate that they are families reporting an ED quarterly in indicate that they have to wait too long weeks for assessment weeks for assessment involved as much as that they have an EFS quarterly in relation relation to feeding/ evels of achievement they want to be in to feeding/ swallowing issues Care Plan towards to access care decisions about their swallowing issues (e.g. aspiration, implementing the PEAS clinical pathway malnutrition, child's care and (e.g. aspiration, dehydration) malnutrition, treatment dehydration) Performance Level 100% 10% 15% 100% 10% 10 100% 100% 10 9 9 8 8 7 7 6 6 5 5 4 BASELINE - 3 1: See online FYI: See online 3 (Current performance) corecard scorecard scorecard scorecard scorecard scorecard scorecard 2 2 0% 60% 50% 50% 1 80% 70% 50% **Optimization Weights** 5 15 15 20 20 15 5 (Total = 100)

100

= Total

Balanced Scorecard: Step 5

- STEP 1: Identify an improvement indicator under each quality dimension
- STEP 2: Determine the degree of importance of each improvement indictor
- STEP 3: Collect baseline data to populate "as-is" state
- STEP 4: Identify measurement tools and strategies (to determine to what extent indictor selected has improved, using a scale of 1-10)
- STEP 5: Develop action strategies to meet each goal

PEAS Action	ı Plan	Team:		For Tim	ne Period: Feb 2	2021 to Sep 2021	_				
Quality Dimension	Proposed Strategy	Benefit (What you expect to be the result)	Who is involved?	Where will it take place?	By When	How will it be measured?					
Acceptability % of families who indicate that they are	Example 1. Place family survey on chart 2. Clinician to ask family if they would fill out the survey after visit. 3. Provide survey or survey link.	Patients are involved in care decisions. Improved communication between care providers and patients.	- Clerk: place family survey on chart - Clinician: Discuss and document care plan. Invite family to provide feedback. - Patients/familles: Discuss goals and complete family survey	Quality Dimension	Start next week	Family survey responses DSEC Strategy	Benefit (What you expect to be the result)	Who is involved?	Where will it take place?	By When	How will it be measured?
involved as much as they want to be in decisions about their child's care and treatment				Safety							
				% of patients seen in an ED quarterly in relation to feeding/ swallowing issues (e.g. aspiration, malnutrition,							
Appropriateness % of patients or				dehydration)							
families reporting that they have an EFS Care Plan											
				Effectiveness Self-Reported measure based on							
Efficiency				levels of achievemen towards implementing the PEAS clinical pathway							
% of patients admitted to hospital quarterly in relation to feeding/ swallowing issues											
(e.g. aspiration, malnutrition, dehydration)				Accessibility % of families who indicate that they have to wait too long	,						
				to access care % of routine patients that are seen within 6 weeks for assessmen	i						
				% of urgent patients that are seen within 2 weeks for assessmer	2						





Pediatric Eating And Swallowing Provincial Project

Test CLINIC

Select Clinic

(out of 1000) **60**

Total Optimization

Score

Survey Date Range None - None

	Acceptability	Appropriatene	Efficiency	Safety	Effectiveness		Accessibility		
Performance Level	% of families who indicate that they are involved as much as they want to be in decisions about their child's care and treatment	% of patient/family that have an EFS Care Plan	% of patients admitted to hospital quarterly in relation to feeding/ swallowing issues	swallowing issues (e.g. aspiration,	Clinic Self-Reported measure	% of families who indicate that they have to wait too long to access care		% of urgent patients that are seen within 2 weeks for assessment	Choose your indicators
10	100.00	100.00	10.00	10.00	10	15.00	90.00	90.00	a
9	97.73	92.60	18.07	18.07	9	22.27	88.40	85.80	
8	95.33	85.50	26.17	26.17	8	29.67	87.00	81.50	Determine
7	92.93	78.40	34.27	34.27	7	37.07	85.60	77.20	
6	90.53	71.30	42.37	42.37	6	44.47	84.20	72.90	Targets & Ideal
5	88.13	64.20	50.47	50.47	5	51.87	82.80	68.60	Performance
4	85.73	57.10	58.57	58.57	4	59.27	81.40	64.30	
BASELINE - 3	83.33	50.00	66.67	66.67	3	66.67	80.00	60.00	J
2	80.93	42.90	74.77	74.77	2	74.07	78.60	55.70	<u></u>
1	78.53	35.80	82.87	82.87	1	81.47	77.20	51.40	Determine
Current Performance	0.0	0.0	0.0	0.0	3	0.0	67.00%	67.00%	Baseline
Current Performance Level	0	0	0	0	3	0	-1	4	
Optimization Weights	15	15	20	20	15	5	5	5	Chassa
Optimization Score	0	0	0	0	45	0	-5	20	Choose
Current Numerator					1		1	1	importance/
Current Denominator					1		1	1	NA/aiahtina
									weignting

Scorecard: Incremental Changes

Elective Hip and Knee Replacement

2016/17-Q1 [P/E: 2016-06-30]

CRH - Chinook Regional Hospital

						2010/11-01	[F/E. 2010	-00-00]				
Quality Dimensi		1 EFFICIENT	2 EFFICIENT	3 APPROPRIATE	4 ACCESSIBLE	5 ACCEPTABLE	6 SAFE	7 APPROPRIATE	8 APPROPRIATE	9 SAFE	10 SAFE	
Selecte Measur		Average Length of Stay	% Meeting LOS Benchmark	% mobilized day of surgery	Avg. time to surgery (T0- T1+T1-T2)	Patient overall satisfaction*	Rate of Infection per 1,000**	% Transfused - Knee	% Transfused - Hip	% ER visits within 30 days	% Readmits within 30 days	
Definitio	on	Mean time in days spent in hospital for elective primary H&K replacement, including transfers to sub-acute, rehab or another hospital.	Percent of primary elective H&K replacement patients, excluding PHR, who meet the LOS benchmark for their discharge location.	A change of position from supine to weight bearing at bedside w/ assistance & use of walking aid. Includes all elective H&K replacement patients, including revisions.	Days from referral to initial consult + days from decision to surgery, divided by # of surgeries (all elective H&K replacements, incl. revisions).	Mean score in OVERALL SATISFACTION on patient feedback form.	Rate of Infection determined by the Infection, Prevention and Control Unit per 1,000 elective replacements (incl. primary and revision).	Percent of discharged primary, elective knee replacement patients that received transfusion.	Percent of discharged primary, elective hip replacement patients that received transfusion.	% of elective H&K replacement patients (incl. revisions) that had ER visit within 30 days of discharge (multiple visits counted once only).	% of elective H&K replacement patients (incl. revisions) that were readmitted to acute care within 30 days of discharge (multiple visits counted once only).	
Change fr Last Peri		1	1	1	1		1	1		1	1	1
Performar Level :		3.72	78.4 %	91.0 %	370.0	7.50	24.4	2.5 %	4.3 %	10.0 %	1.0 %	460
Ideal :	10	3.8	93 %	95 %	154	9.9	1	4.0 %	5.0 %	5 %	1 %	10
	9	4.0	91 %	94 %	188	9.8	3	5.0 %	6.0 %	7 %	2 %	9
	8	4.2	89 %	93 %	220	9.7	5	5.5 %	6.5 %	8 %	3 %	8
	7	4.4	87 %	92 %	252	9.6	7	6.0 %	7.0 %	10 %	4 %	7
	6	4.7	84 %	91 %	284	9.5	10	6.5 %	7.5 %	12 %	5 %	6
	5	5.0	80 %	90 %	316	9.4	15	7.0 %	8.0 %	13 %	6 %	5
	4	5.2	75 %	89 %	348	9.3	20	7.5 %	8.5 %	15 %	7 %	4
Baseline:	3	5.4	69 %	88 %	380	9.2	25	8.0 %	9.0 %	17 %	8 %	3
	2	5.6	65 %	86 %	400	8.7	27	8.5 %	9.5 %	19 %	9 %	2
	1	5.8	60 %	84 %	440	8.2	30	9.0 %	10.0 %	21 %	10 %	1
	%) :	10.0	10.0	5.0	10.0	10.0	10.0	2.5	2.5	10.0	10.0	100.0
(Lev	tion core /el x ight)	100.0	40.0	30.0	30.0	10.0	30.0	25.0	25.0	70.0	100.0	460.0

In Summary: Pathway to developing a Scorecard & Action Plan

Select 6
PEAS
Indicators

Assign an AHS quality dimension

Determine weight

Choose descriptors within the 6 Items

Develop Action Plan

.





Pediatric Eating And Swallowing Provincial Project

Select Clinic

.

.

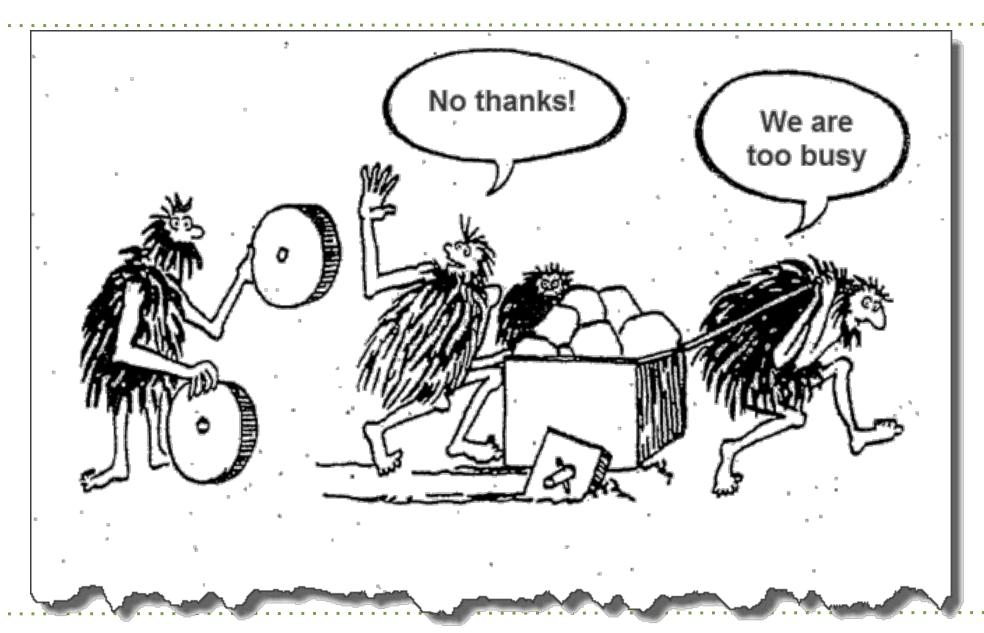
Test CLINIC

Total Optimization Score (out of 1000)

60

Survey Date Range None - None

	Acceptability	Appropriatene	Efficiency	Safety	Effectiveness		Accessibility	
Performance Level	% of families who indicate that they are involved as much as they want to be in decisions about their child's care and treatment	% of patient/family that have an EFS Care Plan	% of patients admitted to hospital quarterly in relation to feeding/ swallowing issues	swallowing issues (e.g. aspiration,	Clinic Self-Reported measure	% of families who indicate that they have to wait too long to access care		% of urgent patients that are seen within 2 weeks for assessment
10	100.00	100.00	10.00	10.00	10	15.00	90.00	90.00
9	97.73	92.60	18.07	18.07	9	22.27	88.40	85.80
8	95.33	85.50	26.17	26.17	8	29.67	87.00	81.50
7	92.93	78.40	34.27	34.27	7	37.07	85.60	77.20
6	90.53	71.30	42.37	42.37	6	44.47	84.20	72.90
5	88.13	64.20	50.47	50.47	5	51.87	82.80	68.60
4	85.73	57.10	58.57	58.57	4	59.27	81.40	64.30
BASELINE - 3	83.33	50.00	66.67	66.67	3	66.67	80.00	60.00
2	80.93	42.90	74.77	74.77	2	74.07	78.60	55.70
1	78.53	35.80	82.87	82.87	1	81.47	77.20	51.40
Current Performance	0.0	0.0	0.0	0.0	3	0.0	67.00%	67.00%
Current Performance Level	0	0	0	0	3	0	-1	4
Optimization Weights	15	15	20	20	15	5	5	5
Optimization Score	0	0	0	0	45	0	-5	20
Current Numerator					1		1	1
Current Denominator					1		1	1



Key Performance Indicators





PEAS & Thank You Evaluation Working Group

NAME	PROGRAM / POSITION	ZONE
Dr. Allan Ryan	Director, Clinical Analytics	Provincial
Janet Cohen	Consultant, Data & Analytics	Provincial
Juliana Harris	Patient and Family Centred Care Project Manager	Calgary
Dr. Justine Turner	Associate Professor, University of Alberta	Edmonton
(Co-Chair)	Pediatric Gastroenterology & Nutrition	
	Lead, Pediatric Home Nutrition Support Program	
Dr. Mahmood Zarrabi	Senior Health Economist, Health Technology Assessment and Innovation	Provincial
Mark Moland	Manager, Audiology and Children's Allied Health	South
(Co-Chair)		
Nancy Whelan	Speech-Language Pathologist, Children's Rehabilitation Services	Central
Dr. Olesya Barrett	Senior Analyst, Clinical Analytics	Provincial
Vanessa Steinke	Senior Project Manager	Provincial

Quality Dimension	PEAS Key Performance Indicators (KPIs) Jan 5, 2021 draft	Data Source
Acceptability	 % of families who indicate that they are involved as much as they want to be in decisions about their child's care and treatment. (Target = increase in "Always and Usually" collated %) 	• Family Survey
Accessibility	 % of families who indicate that they have to wait too long to access care (Target = reduction in %) Clinic self-reported indicators: a. % of urgent patients that are seen within 2 weeks for assessment b. % of routine patients that are seen within 6 weeks for assessment c. (Additional indicator: Ability to see follow-up patients in a timely way) 	Family SurveySelf-reporting tool (completed by Team Leads)
Appropriateness	4. % of patients reporting that they have an EFS Care Plan (Target = increase in %)	• Family Survey
Efficiency	 % of patients admitted to hospital quarterly in relation to feeding/swallowing issues (e.g. aspiration, malnutrition, dehydration) (Target = reduction in %) 	 Patient list sent to analyst who matches to hospital data
Safety	 % of patients seen in an ED quarterly in relation to feeding/swallowing issues (e.g. aspiration, malnutrition, dehydration) (Target = reduction in %) 	Patient list matched to hospital data
Effectiveness	 Clinic Self-Reported measure based on levels of achievement towards implementing the PEAS clinical pathway (reporting tool) (Target = increase in performance level) Note: Additional indicator available depending on sample size: % of families with reduction in family impact score (quality of life) 	Self-reporting tool (completed by Team Leads)FS-IS Survey

PEAS Family Survey

- 5 brief questions
- Can be filled out online or paper
- Provide surveys after every visit
- Most teams started last year, but some are new



Quality Dimension	PEAS Key Performance Indicators (KPIs) Jan 5, 2021 draft	Data Source
Acceptability	 % of families who indicate that they are involved as much as they want to be in decisions about their child's care and treatment. (Target = increase in "Always and Usually" collated %) 	• Family Survey
Accessibility	 % of families who indicate that they have to wait too long to access care (Target = reduction in %) Clinic self-reported indicators: a. % of urgent patients that are seen within 2 weeks for assessment b. % of routine patients that are seen within 6 weeks for assessment c. (Additional indicator: Ability to see follow-up patients in a timely way) 	Family SurveySelf-reporting tool (completed by Team Leads)
Appropriateness	4. % of patients reporting that they have an EFS Care Plan (Target = increase in %)	• Family Survey
Efficiency	 % of patients admitted to hospital quarterly in relation to feeding/swallowing issues (e.g. aspiration, malnutrition, dehydration) (Target = reduction in %) 	 Patient list sent to analyst who matches to hospital data
Safety	 % of patients seen in an ED quarterly in relation to feeding/swallowing issues (e.g. aspiration, malnutrition, dehydration) (Target = reduction in %) 	Patient list matched to hospital data
Effectiveness	 Clinic Self-Reported measure based on levels of achievement towards implementing the PEAS clinical pathway (reporting tool) (Target = increase in performance level) Note: Additional indicator available depending on sample size: % of families with reduction in family impact score (quality of life) 	Self-reporting tool (completed by Team Leads)FS-IS Survey

PEAS KPI Self-Reporting tool: Effectiveness Levels

Effectiveness KPI	
1. Have 80% of staff attended the PEAS Virtual Training series? i. <u>PEAS Overview & New Tools</u> (45 min)	YesNo
ii. <u>PEAS Clinical Practice Guide</u> (50 min)	
iii. <u>For Staff: PEAS Collaborative Practice & Roles</u> (50 min) or <u>for Managers: PEAS Collaborative Practice & Roles</u> (50 min)	
Note: All links for Professional Development can be found on the PEAS website <u>here</u>	
* must provide value	
Do you have a current Team Charter? * must provide value	YesNo
3. Are Alberta Referral Directory profile and other online profiles such as Inform Alberta and AHS.ca up to date? * must provide value	YesNo
4. Are you currently offering Virtual Health?	Yes
* must provide value	○ No
5. Does every client have a current Feeding Care Plan and Collaborative Goal Setting document? Sample templates can be found here * must provide value	YesNo

6. Is the Primary Care provider receiving a copy of the Feeding Care Plan and other clinical notes where appropriate? * must provide value 7. Do you have an up to date patient list for initial, follow-up and treatment visits for urgent and routine cases? * must provide value 8. Are you using the PEAS Clinical Practice Guide? Yes You can review the guide here (link) Specifically following algorithms and recommendations: Figure 7 - Nutrition Support Decision Making Tree-Modality Algorithm Figure 8 - Safe Swallowing Decision Flow Chart Figure 10 - Decision Making for Selection of Appropriate Tube Type * must provide value 9. Held collaborative case conferences (care huddles) for complex patients including community care providers and family as needed in the past 3 months? * must provide value 10. Reviewing and implementing improvements based on family satisfaction and FS-IS surveys every 3 months? * must provide value		
follow-up and treatment visits for urgent and routine cases? * must provide value 8. Are you using the PEAS Clinical Practice Guide? You can review the guide here (link) Specifically following algorithms and recommendations: Figure 7 - Nutrition Support Decision Making Tree - Modality Algorithm Figure 8 - Safe Swallowing Decision Flow Chart Figure 10 - Decision Making for Selection of Appropriate Tube Type * must provide value 9. Held collaborative case conferences (care huddles) for complex patients including community care providers and family as needed in the past 3 months? * must provide value 10. Reviewing and implementing improvements based on family satisfaction and FS-IS surveys every 3 months?	Feeding Care Plan and other clinical notes where appropriate?	0
You can review the guide here (link) Specifically following algorithms and recommendations: Figure 7 - Nutrition Support Decision Making Tree - Modality Algorithm Figure 8 - Safe Swallowing Decision Flow Chart Figure 10 - Decision Making for Selection of Appropriate Tube Type * must provide value 9. Held collaborative case conferences (care huddles) for complex patients including community care providers and family as needed in the past 3 months? * must provide value 10. Reviewing and implementing improvements based on family satisfaction and FS-IS surveys every 3 months?	follow-up and treatment visits for urgent and routine cases?	
for complex patients including community care providers and family as needed in the past 3 months? * must provide value 10. Reviewing and implementing improvements based on family satisfaction and FS-IS surveys every 3 months? No	You can review the guide here (link) Specifically following algorithms and recommendations: Figure 7 - Nutrition Support Decision Making Tree - Modality Algorithm Figure 8 - Safe Swallowing Decision Flow Chart Figure 10 - Decision Making for Selection of Appropriate Tube Type	
on family <u>satisfaction</u> and <u>FS-IS</u> surveys every 3 No No	for complex patients including community care providers and family as needed in the past 3 months?	
	on family <u>satisfaction</u> and <u>FS-IS</u> surveys every 3 months?	0

PEAS Project Balanced Scorecard





Pediatric Eating And Swallowing Provincial Project

Select Clinic

Test CLINIC

Total Optimization Score (out of 1000)

60

Survey Date Range None - None

		Acceptability	Appropriatene	Efficiency	Safety	Effectiveness		Accessibility	
Performance Leve	el	% of families who indicate that they are involved as much as they want to be in decisions about their child's care and treatment	% of	% of patients admitted to hospital quarterly in relation to feeding/ swallowing issues	swallowing issues (e.g. aspiration,	Clinic Self-Reported measure	% of families who indicate that they have to wait too long to access care		% of urgent patients that are seen within 2 weeks for assessment
10		100.00	100.00	10.00	10.00	10	15.00	90.00	90.00
9		97.73	92.60	18.07	18.07	9	22.27	88.40	85.80
8		95.33	85.50	26.17	26.17	8	29.67	87.00	81.50
7		92.93	78.40	34.27	34.27	7	37.07	85.60	77.20
6		90.53	71.30	42.37	42.37	6	44.47	84.20	72.90
5		88.13	64.20	50.47	50.47	5	51.87	82.80	68.60
4		85.73	57.10	58.57	58.57	4	59.27	81.40	64.30
BASELINE - 3		83.33	50.00	66.67	66.67	3	66.67	80.00	60.00
2		80.93	42.90	74.77	74.77	2	74.07	78.60	55.70
1		78.53	35.80	82.87	82.87	1	81.47	77.20	51.40
Current Performand	ce	0.0	0.0	0.0	0.0	3	0.0	67.00%	67.00%
Current Performand	ce Level	0	0	0	0	3	0	-1	4
Optimization Weigh	nts	15	15	20	20	15	5	5	5
Optimization Score		0	0	0	0	45	0	-5	20
Current Numerator						1		1	1
Current Denominat	or					1		1	1

Team Name:	Date:	
	-	

Your goal: Set up your Balanced Scorecard Template by populating your target, low, and optimization weights.

Instructions:

- 1. As a team, review your current performance by looking at your Online Balanced Scorecard. (Take it with a grain of salt if there is not a lot of data at this time).
- 2. Identify if there are any other indicators you want to measure in addition to or instead of the ones on the template. Add these to this template under the most fitting Quality Dimension.
- 3. Fill out the Yellow cells with your Target (Level 10), and your lowest level of achievement (Level 1). If the cell is not Yellow, do not fill it in as the PEAS Team will do the rest based on your responses.
 - Note: if there is an issue with your baseline (ie: Level 3, Current performance) you can indicate what you think it should be in the Baseline Row (Level 3).

(Team Leads to use)

- 4. Using 100 points, distribute Optimization Weights to prioritize the key performance indicators that are most important to your team.
- 5. Save the template on the PEAS ILC SharePoint Site. The PEAS Team will update your online balanced scorecard accordingly.

Helfpul Tools & Links: Self-reporting tool Family Survey Online Balanced Comparison to all FS-IS Quality of Life PEAS ILC SharePoint PEAS Backgrounder survey dashboard (includes list of to update Current dashboard Scorecard PEAS services indicators on Page 3) (ie: how many surveys (Provincial aggregate) Performance have been completed

by clinic)

Quality Dimension: Acceptability **Appropriateness** Efficiency Safety **Effectiveness** Accessibility % of families who % of families who % of patients or % of patients % of patients seen in Self-Reported % of routine patients % of urgent patients measure based on that are seen within 6 that are seen within 2 families reporting admitted to hospital an ED quarterly in indicate that they are indicate that they involved as much as that they have an EFS quarterly in relation relation to feeding/ levels of achievement have to wait too long weeks for assessment weeks for assessment they want to be in Care Plan to feeding/ swallowing issues towards to access care implementing the decisions about their swallowing issues (e.g. aspiration, child's care and (e.g. aspiration, malnutrition, PEAS clinical pathway malnutrition, dehydration) treatment dehydration) Performance Level 100% 100% 10% 10% 10 15% 100% 100% 10 9 9 8 8 7 7 6 6 5 5 4 BASELINE - 3 FYI: See online 3 (Current performance) scorecard scorecard scorecard scorecard scorecard scorecard scorecard 2 2 60% 0% 50% 50% 80% 70% 50% 1 Optimization Weights 15 5 5 15 20 20 15 5 (Total = 100)

food (tube feeding). The main goals of treatment will be to help your child to eat and swallow safely while getting good nutrition.

FAQs

Continue reading...





About PEAS

Pediatric Eating And Swallowing (PEAS) is a quality improvement initiative to standardize services and improve care for children with an eating, feeding and swallowing disorder in Alberta.

Learn more...

Quality Improvement

Quality Improvement QI Dashboard

Family Survey

Other

About PEAS

Order Forms & Handouts

Glossary

Copyright & Disclaimer

Connect

News and Events

Community of Practice









FAQs

FOR PROVIDERS

CLINICAL PRACTICE GUIDE

CLINICAL TOOLS & FORMS

COLLABORATIVE PRACTICE

PROFESSIONAL DEVELOPMENT

COMMUNITY OF PRACTICE

FAMILY RESOURCES



Community of Practice

We have just launched the Pediatric Eating And Swallowing Community of Practice (CoP) for healthcare providers who work with children with a pediatric eating, feeding and swallowing (EFS) disorder. This virtual CoP is an interdisciplinary community of healthcare providers across the continuum of care in Alberta. The goal of this CoP is to capture the spirit and harness the power of collaboration to enhance and improve interdisciplinary practice in EFS to attain the best outcomes for children and their families.

To join the PEAS Community of Practice:

- 1. You must be a healthcare provider with an AHS account.
- *See below for information on how to obtain an AHS account.
- 2. Go to the PEAS CoP website here: https://extranet.ahsnet.co/teams/CoP/PEAS/SitePages/Home.aspx
 If prompted, enter your AHS account name and password.
- 3. Click "Join this community" as shown below. That's it!



SharePoint

BROWSE

PAGE



AHS COMMUNITIES OF PRACTICE

COP DIRECTORY

KNOWLEDGE BASE

LESSONS LEARNED

CONTENT AUDIT

ANALYTICS

Search this site



PEDIATRIC EATING AND SWALLOWING

ITEMS LIST

AHS Communities of Practice >

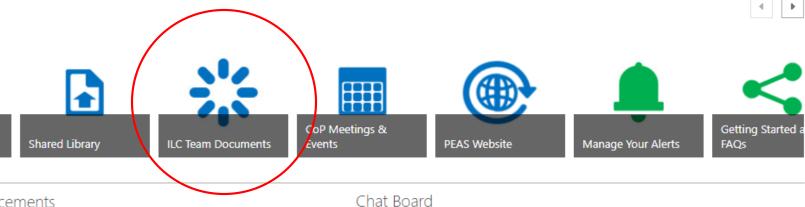
Pediatric Eating and Swallowing > Home

Welcome to the PEAS Community of Practice site

We are an interdisciplinary, provincial community of healthcare providers working with children with pediatric a eating, feeding and swallowing (EFS) disorder across the continuum of care.

We want to capture the spirit and harness the power of collaboration to enhance and improve interdisciplinary practice in EFS to attain the best outcomes for children and their families.

Peas feel free to post news, share information, ask a question or answer a post:



News & Announcements

Discussion Forum

(+) new announcement or edit this list

~	Announcement	Details	0
	PEAS Courses & Webinars	Quick link to our online PEAS Courses & Webinars	
	International Pediatric Feeding	Save the date: April 29-30, 2021	
	Disorders	PEAS will be presenting at this conference and there	

Start a conversation



Vanessa Steinke

As we continue adding to the PEAS website, we're thinking of adding a swallowing video. We don't have the budget to create one ourselves and we want to know if you think this 2 min video would be useful? The watermark would be removed when we purchase a licensed version.

A family could watch it independently or together with a clinician. We are



What's happening

67

members

discussion

replies

CoP Administrators



Vanessa Steinke Senior Project Manager, CPSS

Community Members

Top contributors New members A-Z ...



Vanessa Steinke

0 replies 0 best replies

Trich Hancon

0 discussions

1 discussion

loined

PEAS Innovation Learning Collaborative 1 | Feb 4, 2021

PEAS Action Quality	Proposed Strategy	Team: Benefit	Who is involved?	Where will	By When	2021 to Sep 2021 How will it					
Dimension	Proposed Strategy	(What you expect to be the result)		it take place?	by Wileii	be measured?					
A contability	Example 1. Place family survey on chart 2. Clinician to ask family if they would fill out the survey after visit.	Patients are involved in care decisions. Improved communication	- Clerk: place family survey on chart - Clinician: Discuss and document care plan. Invite family	Clinic	Start next week	Family survey responses	Benefit	Who is involved?	Where will	By When	How will it
Acceptability % of families who indicate that they are	Provide survey or survey link.	between care providers and patients.	to provide feedback Patients/families: Discuss goals and complete family survey	Dimension	Гюрс	oca Grategy	(What you expect to be the result)	Willo is ill volveu:	it take place?	by Which	be measured?
involved as much as they want to be in decisions about their child's care and				Safety							
treatment				% of patients seen in	1						
				relation to feeding/ swallowing issues (e.g. aspiration.							
Appropriateness				malnutrition, dehydration)							
% of patients or families reporting that they have an EFS Care Plan											
				Effectiveness							
				Self-Reported measure based on levels of achievemen towards implementin	nt						
Efficiency				towards implementin the PEAS clinical pathway							
% of patients admitted to hospital quarterly in relation to feeding/ swallowing issues											
(e.g. aspiration, malnutrition, dehydration)				Accessibility % of families who							
				indicate that they have to wait too long to access care							
				% of routine patients that are seen within 6 weeks for assessmer	;						
				% of urgent patients that are seen within a weeks for assessmer	2 nt						

Report Out

- **Team Lead to complete**
- **Questions:**
 - 1. What key performance indicators did your team identify as having the highest weighting and why?
 - What two actions is your team going to work on next?
 - 3. What is one thing your team will take back to leadership or those not present today?
 - When is the date for your next team meeting?
- **Extra space for miscellaneous** actions & parking lot



Report-Out Form

Team name:	Reporter Name:
What key performance indica	tor(s) did your team identify as having the highest weighting and why?
What two actions is your site	going to work on next?
1.	
2.	
What is one thing your team	vill take back to your leadership or those who were not present today?
When is the date for your nex	t site team meeting?
	·

Miscellaneous Action Items or Questions (outside of the Action Plan)

Parking Lot (ig. ideas / topics unrelated to the PEAS ILC that we don't want to forget



EXPECTATIONS

- Instructions for small group work
- What's on the PEAS ILC SharePoint:
 - Balanced Scorecard
 - Backgrounder including menu of KPIs (page 3)
 - Action Plan & Report Out Forms
 - Variety of Quality Improvement resources

Questions & Comments?





Break 10 minutes



Teams

Team	Facilitator(s)	Team Lead(s)		
ACH Home Nutrition Support Program (HNSP)	Shauna Langenberger	Thomas Young		
ACH Eating, Feeding, Swallowing Clinic		Melanie Matiisen Dewar Mary O'Gorman		
ACH Cleft Lip & Palate Clinic				
Early Childhood Rehabilitation				
ACH Neonatal Follow-up Clinic				
ACH Complex Airway Clinic + Calgary Pediatric Home Care	Jonathan Snider & Karen Branicki	Jacinda Sartison & Meredith Luipasco		
Calgary Zone - Pediatric Community Rehabilitation	Megan Terrill	Katherine Bennett		
Calgary Zone - Rural Allied Health	Laura Benard	Christine Dengis & Sara Finlayson		
Stollery Aspiration Clinic	Shannon O'Blenes	Amanda Adsett		
Stollery Aerodigestive Clinic				
Stollery Feeding & Swallowing Clinic				
Stollery Home Nutrition Support Program (HNSP)	Eileen Keogh	Renee McGuinness		
Medicine Hat Regional Hospital Pediatric Specialty Clinic	Shivonne Berger	Janine Whyte		
Southwestern Alberta Children's Eating, Feeding, and	Lisa McIsaac	Theresa Kinyua		
Swallowing Services				
North Zone	Roberta Dallaire & Shweta Sah	Laurel Sheridan		
Central Zone	Melissa Lachapelle	Christine Pizzey & Nancy Whelan		

PEAS Support Team

- Gillian Catena
 Admin Assistant Coordinator extraordinaire!
- Manisha Patel
 Path to Care & Alberta Referral Directory
- Dr. Olesya Barrett
 Clinical Analytics
- Vanessa Steinke
 PEAS Provincial Project Manager
- Health Professions Strategy & Practice team members
 Elaine Finseth, Carmen Lazorek, Julie Evans



Ground Rules

- Success depends on everyone's participation
- Focus on what matters
- Contribute your thinking and experience
- Listen together for deeper themes, insights and questions
- Try not to get hung up on the data use it as a guide and indicator.
 If none exists, use your best guess.
- Turn on your camera if you can
- No multi-tasking ③
- Use the Parking Lot for:
 - unanswered questions
 - out of scope topics
- Have fun!



Breakout Groups Return at 3:25



Report Out questions (pick 1-2)

Site name

- What key performance indicators did your team identify as having the highest weighting and why?
- · What two actions is your team going to work on next?
- What is one thing your team will take back to leadership or those not present today?
- When is the date for your next team meeting?



Report Out

Team	Team Lead(s)
1. Southwestern Alberta Children's EFS Services	Theresa Kinyua
2. Medicine Hat	Janine Whyte
3. Calgary Zone - Rural Allied Health	Christine Dengis & Sara Finlayson
4. Calgary Zone - Pediatric Community Rehabilitation	Katherine Bennett
5. ACH Complex Airway Clinic + Calgary Pediatric Home Care	Jacinda Sartison & Meredith Luipasco
6. ACH HNSP, EFS, Cleft Lip & Palate, ECR, Neonatal Follow-up	Thomas Young, Melanie Matiisen Dewar, Mary O'Gorman
7. Central Zone	Christine Pizzey & Nancy Whelan
8. Stollery Home Nutrition Support Program (HNSP)	Renee McGuinness
9. Stollery Aspiration, Aerodigestive, F&S clinics	Mandy Adsett
10. North Zone – Grande Prairie	Laurel Sheridan
11.North Zone Other	Cyndi Pruden

Wrap Up & Next Steps





Implementation Plans

Virtual ILCs + 1 hr Education sessions

Session	Duration	Date
✓ Orientation + develop Team Charter	3 hrs	Nov 25, 2020
✓ ILC 1: Scorecards & Action Plans	3.5 hrs	Feb 4, 2021
☐ Education Session 1: Clinical	1 hr	Mar / Apr 2021
☐ Education Session 2: Quality Improvement	1 hr	May / Jun 2021
☐ ILC 2: Scorecards & Action Plans	3-4 hrs	Sep / Oct 2021
☐ Education Session 3: Clinical	1 hr	Oct / Nov 2021
☐ Education Session 4: Quality Improvement	1 hr	Jan / Feb 2022
☐ ILC 3: Scorecards & Action Plans	3-4 hrs	Feb / Mar 2022

- + regular team meetings for continuous quality improvement
- + informal collaboration provincially between meetings using Community of Practice, etc.

Next Steps

Finalize & Post your:

- Balanced Scorecards
- Action Plans

Continue:

- Sending Family Surveys
- Meeting regularly to review your
 Scorecards & adjust Action Plans
- Team Leads reporting monthly data

• Connect:

Community of Practice



Image source: https://garden.lovetoknow.com/image/252305~bean-cycle.jpg

Thank You!

- Speakers: Amanda, Tracy, Mark
- Support Team: Carmen, Cathy, Elaine, Julie, Gillian, Manisha, Olesya, Vanessa
- Facilitators
- ILC Team Leads
- PEAS Team & Leadership Team
- · All of YOU!



Thank you!



PEAS provide your feedback & ideas:

https://survey.albertahealthservices.ca/peas.ilc1