

Quarterly Report:

Q2 October 1, 2018 – December 31, 2018

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Program name:

Activities, Restorative, and Therapy in Sync (ARTS)

Grant ID Number:

Z19179059

Dates Covered by this Grant:

July 1, 2018 - June 30, 2021

Grant Amount:

\$410,437.82

Summary of Grant Purpose:

The objective of the Activities, Restorative, and Therapy in Sync (ARTS) program is to provide the residents in our care an improved quality of life through the implementation of It's Never 2 Late (iN2L) – fusing activities, restorative care, and therapy into a truly individualized approach. By aligning the patients' personal interests and functional limitations with activities, restorative programs, and therapy treatment in a computer-based format, we will improve or maintain the patients' activities of daily living, increase the number of residents in activities, and increase the number of residents in the restorative program. This movement to synchronize the different programs will have a direct impact on the culture in our communities and improve the quality of life for those we serve.

The iN2L equipment was delivered and initial onsite training for the staff was completed. The onsite trainings were completed by October 11th in all the communities. Residents and staff were also trained on the iN2L system during the month of October. October was the kickoff and the first month for the buildings to use the iN2L system with their residents. This report will reflect the months of October, November and December.

Project Tasks / Process Objectives	Timeline Month/Year	Responsible Party	Date Completed	Notes
Purchase iN2L equipment, schedule initial Onsite Activity-Specific and Therapy-Specific Trainings, System Installations and Program Rollouts for all 9 Jackson Region facilities	Sept/Oct-18	Corporate Consultant; THM-Jackson Region Administrators	Sept/Oct-18	Equipment was shipped to communities at the end September. All Program rollout trainings were completed by October 11 th .
Collect and record MDS, Restorative Care Log, and Activity Log baseline data	Oct-18	THM-Jackson Region Administrators	Oct-18	Facilities collected baseline data on study group and conducted resident questionnaires.
Inform stakeholders of the project and explain the benefits through the newsletter, flyers, and meetings	Oct-18	THM-Jackson Region Administrators	Oct-18	Facilities completed staff meetings; spoke at Resident Council meetings to ensure staff was aware of the program and its benefits.
Participate in Activities and Therapy-specific On-Site Trainings, System Installations and Program Rollouts	Oct-18	Corporate Consultant; THM ARTS Leader, THM-Jackson Region Administrators	Oct-18	Rollout trainings completed by October 2018 for all facilities. THM ARTS Leader conducted conference call with all communities on October 18 th .
Meeting with the Patients to educate on the New Program	Oct-18	Activities Directors	Oct-18	Completed in Resident Council along with individual meetings for some patients.
Submit Baseline Quarterly Evaluation Report- Assemble MDS, Restorative Care Log, and Activity Log data logs; monitor program impact;	Nov-18	Program Administrator; Jackson Region Administrators	Dec-18	Facility will complete this information every month on iN2L residents.

Information Obtained

For Baseline Study Group-

- ADL Function on the Minimum Data Set of study group.

For All Residents-

- Total number of Residents participating in the iN2L restorative program
- Total number of Residents participating in iN2L
- Total number of Residents participating in iN2L therapy program
- Total number of Residents participating in the iN2L Activity Program

Other data:

- iN2L Usage Documentation from iN2L
- Resident Questionnaires

Data Collection

Baseline Study Group- Data and Outcomes

We learned from the Memphis Region how to properly assess patient improvement and maintenance in physical wellbeing in specific areas. We used the following information that is obtained from the Minimum Data Set for each patient in the baseline study group:

MDS Section G Funcional Status being monitored for Self Performance					
A., B., G., H., I.	Bathing				
0. Independent - no or staff oversight at any time	0. Independent - no help provided				
1. Supervision - oversight, encouragement or cueing	1. Supervision - oversight help only				
2. Limited assistance - resident highly involved in activity, staff provide	2. Physical help limited to transfer only				
3. Extensive Assistance - resident involved in activity, staff provide weig	3. Physical help in part of bather activity				
4. Total dependence -	4. Total dependence				
8. Activity itself did not occur	8. Activity itself did not occur				
A. Bed Mobility	B. Transfer	G. Dressing	H. Eating	I. Toilet Use	G0120 A. Bathing

The facility also identified that the mental health of each patient in the baseline study was not easily measured. The Minimum Data Set (MDS) Section D Mood is now included to adequately measure the patient mood. If the resident is interviewable, the left portion is used. If the resident is not interviewable, the direct care staff is interviewed. A score of 00 is interpreted as the patient does not have any issues with mood,

therefore, a higher score indicates mood concerns. The following is included in the baseline participants evaluation and includes a description of the questions asked:

MDS Section D Mood (Frequency) - Either Resident Interview OR Staff Assessment	
Resident Interview- Measures over the last two weeks:	Staff Assessment - Measures over the last two weeks:
0=Never or 1 day; 1=2-6 days; 2=7-11 days, 3=12-14 days Little interest or pleasure in doing things; Feeling down, depressed or hopeless; Trouble falling or staying asleep; Feeling tired or having little energy; Poor appetite or overeating; Feeling bad about yourself - or that you are a failure or have let yourself or your family down; Troubl concentrating on things, such as reading the newspaper or watching television; moving or speaking so slowly that other people could have noticed. Or, the opposite- being so fidgety or restless that you have been moving around a lot more than usual; Thoughts that you would be better off dead, or of hurting yourself in some way. Total Severity Score is between 00-27.	0=Never or 1 day; 1=2-6 days; 2=7-11 days, 3=12-14 days Little interest or pleasure in doing things; Feeling down, depressed or hopeless; Trouble falling or staying asleepor sleeping too much; Feeling tired or having little energy; Poor appetite or overeating; Indicating that they feel bad about self, is a failure, or has let self or family down; Trouble concentrating on things, such as reading the newspaper or watching television; moving or speaking so slowly that other people could have noticed. Or, the opposite- being so fidgety or restless that you have been moving around a lot more than usual; States that life isn't worth living, wishes for death, or attempts to harm self; Being short-tempered, easily annoyed. Total Severity Score is between 00 - 30.

The information obtained per individual patient is reviewed every quarter in each area to determine if the patient improved, remained the same, or declined in that area. Please see example of Excel Spreadsheet that is maintained on the computer for each of the baseline study group participants.

Baseline Study Group Outcomes

The baseline study group consists of 186 long-term residents that have potential to decline in functional status. The goal was to improve or maintain ADL function. Of the areas monitored:

% of residents	A.Bed Mobility	B.Transfer	G.Dressing	H.Eating	I.Toilet Use	G0120 A.Bathing
Same/Improve	96.7%	91.3%	93.4%	94.0%	96.1%	97.7%

A comparison was made of the individual quarterly MDS assessments of each resident in the study from Q1 2018 (July, August, September) to Q2 2018 (October, November, December). Of the residents in the baseline study, 96.7% of the residents maintained or improved their bed mobility, 91.3% of the patients maintained or improved their current ability to transfer, 93.4% of patients maintained or improved their ability to dress, 94.0% maintained or improved in eating, 96.1% maintained or improved their toileting use, and 97.7% maintain or improved their bathing ability.

MDS Section D Mood (Frequency)	
Resident Interview	Staff Assessment
88.1%	

The goal is to maintain or improve their mood from quarter to quarter. This information will come directly from the MDS Section D Mood (Frequency). Of the residents in the baseline study, 88.1% maintained or improved their mood in a comparison of Q1 2018 and Q2 2018 MDS Section D Mood (Frequency).

Long Term Resident that had a decrease or will have a decrease in ADL function prior to implementation of the program	Total Patents in Baseline Study	Total number of residents using N2L Activities in the quarter	Better	MDS Section G Functional Status being monitored for Self Performance				Batting	MDS Section D Mood (Frequency) - Either Resident Interview OR Staff Assessment	
				A. Bed Mobility	B. Transfer	G. Dressing	H. Eating		I. Toilet Use	Resident Interview - Measures over the last two weeks:
Crestview - Total Number of Patients	20	30	Better Same Worse	0 20 0	0 20 0	0 20 0	0 20 0	0 20 0	0 20 0	0 20 0
Decatur - Total Number of Patients	23	82	Better Same Worse	0 23 0	0 23 0	2 20 1	2 20 0	23 22 0	0 23 0	0 23 0
Forest Cove - Total Number of Patients	20	37	Better Same Worse	0 20 0	0 20 0	0 20 0	0 20 0	0 20 0	0 20 0	0 20 0
Lewis County - Total Number of Patients	21		Better Same	0 14	0 14	0 17	1 19	0 14	1 12	2 12
Leighton - Total Number of Patients	22	194	Better Same Worse	1 19 2	4 16 2	2 18 2	3 17 2	3 18 1	3 13 7	3 13 6
McNairy - Total Number of Patients	27	155	Better Same Worse	2 2 2	24 24 2	26 23 2	23 25 2	22 22 3	2 2 7	14 14 7
Northbrooke - Total Number of Patients	16	53	Better Same Worse	1 1 1	14 12 3	1 14 1	3 11 2	2 12 2	1 12 1	14 14 1
Savannah - Total Number of Patients	16	78	Better Same Worse	0 16 0	0 16 0	0 16 0	0 16 0	0 16 0	0 16 0	0 16 0
Westwood - Total Number of Patients	21	103	Better Same Worse	4 17 0	1 18 2	2 16 3	3 15 3	2 21 1	0 19 2	0 19 2
Totals	186		Better Same Worse	6 174 6	162 167 16	157 167 12	161 161 11	172 159 7	15 152 17	118 152 22
Overall Percentages			Better Same Worse	3.20% 93.50% 3.20%	87.60% 89.70% 8.60%	7.50% 86.50% 6.40%	92.40% 85.50% 5.90%	92.40% 92.40% 3.70%	5.30% 81.70% 11.80%	5.30% 81.70% 11.80%

Data Collection

All Residents

All residents in the communities were monitored for system use, iN2L participation, restorative program, and questionnaires for alert/oriented patients using the system. The following data was collected on all residents:

Total Number of In-House Residents Last day of Month	Total Number of Long Term Residents last day of the month (Including Private)	Total Number of Residents using iN2L (could be restorative, act, or therapy)	Number of Residents with My-Story Complete	Number of Residents in the Restorative Program	Number of Residents in the Restorative Program Using iN2L	Number of Residents added to the Resorative Program this Month using iN2L
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The monitoring process includes only the activities with the iN2L system. This was the first quarter to include only iN2L Activities with the intention of getting a clearer picture of the involvement with iN2L. This will give us an idea of how many residents are using the iN2L system for activities and in restorative.

Total patients and long-term patients' categories were added to ensure as many as possible long-term residents were included on the "My Story" biography portion of the system. Short term resident will not be included in the "My Story" biography section as the average length of stay is only 27-30 days and continue to decrease. Restorative information indicates which patients in restorative were using the iN2L.

Weekly Data

Each community has weekly meetings that will discuss residents' that are included in the iN2L program. The weekly meetings will include the following sheet to monitor the residents progress.

Date Initiated	Goals											Participating Department				Types of Engagement on iN2L		
	Memory Care	Improve Behaviors	Improve Sequencing	Improve PsychoSocial	Improve Problem Solving/Awareness	Improve Motor Skills	Improve hand/eye coordination	Improve mobility	Improve Gait	Improve safety awareness with surface transi	Improve Range of Motion	Improve Balance	Improve Strength	Other - please explain	Activities		Resorative	Occupational Therapy

This form will be completed by the communities weekly to ensure Activities, Restorative, and Therapy are in sync and discuss the plan for all residents using iN2L and ensure the plan is focused on activities that will improve their functional or mental status. It will identify each patient, goals, treating department, and types of engagement. This is a form that will change weekly as patients are added, discharged, or have changes. Therapy, Activities, and Restorative are included in this meeting. Below is an example of a completed weekly meeting sheet:

Patient Name	Date Initiated	Goals											Participating Department					Types of Engagement on IN2L						
		Memory Care	Improve Behaviors	Improve Sequencing	Improve Psychosocial	Improve Problem Solving/Awareness	Improve Motor Skills	Improve hand/eye coordination	Improve mobility	Improve Gait	Improve safety awareness with surface transfers	Improve Range of Motion	Improve Balance	Improve Strength	Other - please explain	Activities	Recreative		Occupational Therapy	Physical Therapy	Speech Therapy			
	10/9/2018					x	x	x	x														music, movies	
	10/9/2018	x	x			x	x	x	x														music, movies, slide shows, AROM, videos	
	10/9/2018					x	x	x	x														music, movies, slide shows, AROM	
	10/9/2018	x	x			x	x	x	x														art, music, movies, games, slide shows, AROM, puzzles	
	10/9/2018	x				x	x	x	x	x													music, games, movies, web, slide shows, trivia, news, YouTube	
	10/9/2018	x	x			x	x	x	x														music, games, movies, web, slide shows, trivia, videos	
	10/9/2018					x	x	x	x														sports, web, Face Book, music	
	10/9/2018					x	x	x	x														music, movies, slide shows	
	10/9/2018					x	x	x	x														music, movies, trivia	
	10/9/2018	x	x			x	x	x	x	x													music, movies, slide shows, videos	
	10/9/2018					x	x	x	x														games, music, trivia	
	10/9/2018					x	x	x	x		x		x	x									music, movies, trivia, AROM, standing, balance	
	10/9/2018		x		x																		Sports Trivia	
	10/9/2018									x			x	x									Walking to machine, standing while using system	
	10/9/2018										x			x									AROM, Strengthening	
	10/9/2018					x																	Roy Rogers TV shows	
	10/9/2018							x		x	x	x											AROM, Strengthening	
	10/9/2018							x		x	x												Walking, AROM	
	10/9/2018										x												arm bike	
	10/9/2018																						arm bike	
	10/9/2018										x												ROM and Strengthening	
	10/9/2018							x		x	x	x											Standing, balance, ROM	
	10/9/2018							x		x	x	x											Standing, balance, walking, AROM	
	10/9/2018																						x	aphasia therapy
	10/9/2018									x	x												x	ROM, Balance, Aphasia
	10/9/2018									x														Walking, AROM
	10/9/2018									x														Walking, AROM
	10/9/2018									x														Walking, AROM
	10/9/2018									x														Walking, AROM
	10/9/2018									x	x	x												AROM, Strengthening
	10/9/2018									x	x	x												Walking, AROM
	10/9/2018									x														Walking, AROM
	10/9/2018									x														Walking, AROM
	10/9/2018									x	x													Walking, balance, strengthening
	10/9/2018									x	x													AROM, Activities

	Month Ending	Total Number of In-House Residents Last day of Month	Total Number of Long Term Residents last day of the month (Including Private)	Total Number of Residents using iN2L (could be restorative, act, or therapy)	Number of Residents with My-Story Complete	Number of Residents in the Restorative Program	Number of Residents in the Restorative Program Using iN2L	Number of Residents added to the Restorative Program this Month using iN2L
Crestview	10/31/18	89	74	10	79	30	10	0
	11/30/18	85	73	10	85	30	10	0
	12/31/18	90	73	10	88	30	10	0
Decatur	10/31/18	100	75	24	25	24	8	0
	11/30/18	103	74	37	25	26	8	2
	12/31/18	96	77	21	25	27	9	1
Forest Cove	10/31/18	98	88	12	0	14	0	9
	11/30/18	97	89	15	0	30	0	17
	12/31/18	84	80	10	4	25	0	8
Lewis County	10/31/18	89	80	35	1	12	3	7
	11/30/18	89	80	45	32	21	5	3
	12/31/18	85	70	61	65	14	3	5
Lexington	10/31/18	99	72	31	1	15	2	6
	11/30/18	104	91	75	7	14	4	6
	12/31/18	102	87	88	7	21	4	8
McNairy	10/31/18	107	90	47	30	33	5	4
	11/30/18	113	88	53	30	34	7	2
	12/31/18	110	87	55	30	20	7	5
Northbrooke	10/31/18	93	61	21	20	5	5	3
	11/30/18	85	56	17	58	5	4	1
	12/31/18	89	56	15	69	7	3	2
Savannah	10/31/18	93	78	20	6	34	30	3
	11/30/18	97	80	28	18	24	15	2
	12/31/18	107	80	30	20	25	16	1
Westwood	10/31/18	57	32	37	0	16	10	2
	11/30/18	52	31	35	0	15	11	2
	12/31/18	51	30	31	0	16	12	4

-There is room for improvement in the number of residents using the iN2L system. The number of residents using the program increase in only 3 of our communities from 10/31/18 to 12/31/18. We would expect this number would be higher. During a conference call this quarter an emphasis was placed on more residents using the iN2L system with meaningful activities.

-The number of residents that have My-Stories have increased from 10/31/18 to 12/31/18 in half of our communities. While this number is strong considering this is only the first quarter to record this data some facilities have struggled to get these My Stories completed. The importance of completed these My Stories have been stressed to these communities and improvement is expected in the third quarter.

-There is an opportunity to improve the number of residents in the restorative program using the iN2L system. Once again this is the first quarter recording these numbers and we expect these numbers to improve over the course of the program. This has been discussed on conference call with all the communities.

-Communities that had multiple zeros were required to submit a plan of correction to the project leader. These plans of corrections were reviewed and will be monitored. The communities required to submit a plan of correction included Crestview, Forest Cove and Westwood. Some of the corrections included reaching out to iN2L for additional training for newer staff members, in-servicing from the Administrator, moving the systems to units where there are more higher functioning residents, integrating the iN2L system in the restorative program being mandatory.

iN2L System Use

Hours of IN2L Usage per Facility Per Month

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Average</u>
Crestview	775.74	505.54	419.6	566.96
Decatur	847.42	1019.1	910.5	925.65
Forest Cove	224.28	189.57	289.54	234.46
Lewis County	237.17	443.49	886.41	522.35
Lexington	827.65	825.45	759.56	804.22
McNairy	521.81	790.76	685.56	666.04
Northbrooke	486.68	1073.6	899.56	819.94
Savannah	688.03	954.12	917.44	853.19
Westwood	453.61	657.62	665.72	592.31
Team Average	562.48	717.68	714.87	

We have in-serviced staff and communities that were showing little to no activity. This is first quarter being able to record usage numbers. Some communities need to increase their usage hours while some communities have done very well. We have conference calls to discuss ways to increase our usage numbers and increase our resident's participation with the systems. Facilities have worked with iN2L and identified an issue with the connection at times. We have seen times where the usage time was not being counted because the system was off-line. Staff was in-serviced on ensuring that the internet connection is active. Our IT department was made aware of connection problems at certain facilities and has worked to solve this issue. Also, communities with high usage numbers shared with other communities how and when they use the systems to help improve numbers. Lastly the group has developed goals/benchmarks to reach each month to encourage communities to increase usage numbers. Considering this was the first complete quarter to record usage numbers communities performed well, however there is certainly room to improve.

Patient Questionnaires

Each community conducted a resident Quality of Life Questionnaire for their residents. The patient questionnaires focused on patients' emotional status. The questionnaire was completed via www.surveygizmo.com for accuracy and data collection purposes. This was the second quarter this group of communities have completed the patient questionnaires. This gave us the chance to compare this data with the first quarter results. The questionnaire is fifteen questions including:

1. How much of the time during the past two weeks have you felt full of pep?
2. How often have you been able to find joy in life over the past two weeks?
3. How much of the time during the past two weeks have you felt calm?
4. How much of the time during the past two weeks have you had lots of energy?
5. How much of the time during the past two weeks have you been happy?
6. How often have you felt peaceful over the past two weeks?
7. How much time have you felt rested and relaxed over the past two weeks?
8. During the past two weeks, how much of the time has your physical health or emotional problems interfered with your social activities (like visiting friends, relatives, etc.)?
9. How often have you had little interest or pleasure in doing things over the past two weeks?
10. How often have you had trouble falling asleep or staying asleep over the past two weeks?
11. How often have you had trouble concentrating over the past two weeks?
12. How much of the time during the past two weeks have you felt so down in the dumps that nothing could cheer you up?
13. How often have you felt fidgety or restless over the past two weeks?
14. How much of the time during the past two weeks have you felt tired?
15. How often have you felt sad over the past two weeks?

Answers to the questions include:

1. All the time.
2. Most of the time.
3. Sometimes
4. Rarely
5. Never

Answers are completed by alert and oriented residents, tabulated by iN2L and reported to facilities quarterly. The amount of surveys completed by each community equaled at least 20% of their average daily census. Each community received the results from the questionnaire and will use the iN2L systems to improve these numbers. The goal is to improve the patients' emotional status in each community by using the ARTS program. The results for each community can be seen (Attachment #3) at the end of this report. Below you will find the results of the survey from quarter #1 and quarter #2. The first number in column represents the first quarter result and the second number in the column represents the result from the second quarter. For example- Number of surveys completed by Crestview reads (20/24). This represents that in the first quarter of our reporting period Crestview completed 20 surveys and in the second quarter Crestview completed 24 surveys.

This means Crestview completed 4 more surveys in the second quarter than in the first quarter. These numbers are put side by side, so you can see the improvement and/or areas where individual communities can improve at one glance. Below you will see the outcome:

Resident Questionnaire - Average Score for Each Question Per Facility Q2

Facility Name	Number of Surveys Completed	Scoring of the questions: 1 - All the time. 2 - Most of the time. 3 - Sometimes 4 - Rarely 5 - Never Answers are completed by alert and oriented residents, tabulated by NNL and reported to facilities quarterly.														
		1. How much of the time during the past two weeks have you felt full of pep?	2. How often have you been able to find joy in life over the past two weeks?	3. How much of the time during the past two weeks have you felt calm?	4. How much of the time during the past two weeks have you had lots of energy?	5. How much of the time during the past two weeks have you been happy?	6. How often have you felt peaceful over the past two weeks?	7. How much time have you felt rested and relaxed over the past two weeks?	8. During the past two weeks, how much of the time has your physical health or emotional problems interfered with your social activities?	9. How often have you had little interest or pleasure in doing things over the past two weeks?	10. How often have you had trouble falling asleep or staying asleep over the past two weeks?	11. How often have you had trouble concentrating over the past two weeks?	12. How much of the time during the past two weeks have you felt so down in the dumps that nothing could cheer you up?	13. How often have you fidgety or restless over the past two weeks?	14. How much of the time during the past two weeks have you felt tired?	15. How often have you felt sad over the past two weeks?
Crestview	20/24	2.8/3.7	3.3/3.9	3.8/3.7	2.6/3.3	3.5/3.6	3.5/3.9	2.9/3.6	3.2/4.0	3.5/3.6	2.9/4.1	2.8/3.7	3.9/3.9	3.7/3.7	2.4/3.8	3.8/3.9
Decatur County	23/25	3.1/2.7	3.6/3.5	3.8/3.5	2.8/3.2	3.6/3.5	3.9/3.5	3.5/3.1	3.8/3.3	3.3/2.8	3.7/3.5	3.5/3.4	4/3.4	3.9/3.1	3.2/3.0	3.5/3.2
Forest Cove	20/20	2.8/3.0	3.3/4.0	3.7/4.0	2.7/3.2	3.3/3.7	3.5/4.1	3.3/3.9	3.3/3.6	3.5/3.6	3.5/3.3	3.3/4.0	3.5/3.9	3.3/3.9	3.1/3.5	3.5/4.3
Lewis County	26/19	2.5/3.1	3/3.5	3.3/2.8	2.3/2.8	3/3.6	3/3.3	3.1/3.4	2.8/3.4	3.1/3.8	3.3/3.8	3.4/3.8	3.5/4.3	3.2/3.7	2.4/3.5	3/3.8
Lexington	28/50	3.4/3.7	3.9/3.9	3.6/3.8	3.3/3.4	3.9/4.0	3.8/3.9	3.5/3.8	4/4.2	3.4/3.6	3.6/4.0	3.8/3.8	3.9/4.2	3.4/3.6	3.2/3.4	3.6/4.0
McNairy	30/26	2.9/2.7	3.4/3.6	3.6/3.6	2.6/2.7	3.3/3.5	3.6/3.9	3.2/3.5	3.4/3.9	3.6/3.7	3.4/4.1	3.7/3.9	3.9/4.0	3.6/3.7	2.9/3.3	3.5/3.6
Northbrooke	25/15	2.8/2.7	3.3/4.1	3.8/3.7	2.8/2.5	3.9/3.9	3.8/3.9	3.6/3.4	3.2/3.3	3.2/4.2	3.6/3.9	3.8/4.2	3.9/4.2	3.6/3.9	3.1/3.3	3.6/4.1
Savannah	23/29	2.9/2.8	3.3/3.1	3.1/2.9	3/2.8	3.3/3.1	3.2/3.1	3.4/3.0	3.3/3.1	3.2/3.1	3.4/2.9	3/2.9	3.3/3.1	3.1/3.0	3/2.9	3.2/3.1
Westwood	22/31	3.3/3.2	3.4/3.8	3.2/4.3	3.5/3	3.6/4	3.6/3.5	3.1/3.2	3.8/4	3.7/4.1	3.3/4	3.3/4.2	3.6/3.5	3.5/3.5	3.3/3.1	3.7/3.7
Average	2.9/3.0	3.3/3.7	3.5/3.5	2.8/2.9	3.4/3.6	3.5/3.6	3.3/3.4	3.4/3.6	3.4/3.6	3.4/3.6	3.4/3.7	3.4/3.7	3.7/3.9	3.5/3.5	3/3.3	3.5/3.7
Total Surveys Completed	221/239															

Results of the survey:

- The total number of surveys completed by the communities increased from quarter one to quarter two.
- 1. The amount of time residents felt full of pep increased from quarter one to quarter two.
- 2. Time residents have been able to find joy in life has increased in this quarter which is a positive.
- 3. Time residents have felt calm has remained the same from the first quarter to the second quarter.

- 4.The amount of time residents have had lots of energy has slightly increased.
- 5.The amount of time residents have been happy has increased this quarter.
- 6.The amount of time our residents have been peaceful has slightly increased this quarter.
- 7.The amount of time our residents have felt rested and relaxed has increased this quarter.
- 8.The amount of time residents' physical health or emotional problems interfered with their social activities has slightly increased this quarter. This is an area where there is room for improvement.
- 9.The amount of time residents had little interest or pleasure in doing things has slightly increased this quarter. This is an opportunity to improve in this area.
- 10.Having trouble falling asleep or staying asleep has slightly increased this quarter.
- 11.The amount of time having trouble concentrating over the past two weeks has increased this quarter.
- 12.The amount of time the residents in this study felt down in the dumps increased during the quarter.
- 13.The amount of time feeling fidgety or restless has remain the same since last quarter.
- 14.The amount of time our residents feel tired has increased this quarter.
- 15.The amount of time residents stated they have been sad has increased.

With this being the second quarter this was the first chance we were able to compare the data from the previous quarter. Of the 15 questions more than half the questions/areas have improved and showed improvement while having the iN2L systems. There is room for improvement based on this survey, but with only being the second quarter these numbers are encouraging. With the implementation of the iN2L systems and a focus on improving this comparative data these numbers can continue to improve over future quarterly reports. The number of surveys completed increased this quarter which gives us a better sample size when trying to improve our resident's activity level.

We just finished up all the onsite/rollout trainings for this region on October 11th. Although we cannot quantify comments from stakeholders, the comments below give valuable insight on how the program is affecting their daily lives.

Comments from the Staff include:

Westwood- "We are currently treating a patient that has poor skills on focusing her attention to task at hand. When presented Bubble Popper on iN2L device, this patient was able to maintain her attention to the game for 3 minutes before becoming distracted. This was a huge stepping stone in the patient's therapy progress".

Crestview- "It's great! You can find anything you are looking for; the residents enjoy games, trivia, exercise, bingo, sing-a-long, reminiscing, and the movies! Great for all!".

Lewis County- We had a skilled patient who was involved in WW2, we were talking to him about his service to our country and he made the comment that he had never seen the memorial at Pearl Harbor. We were able to find the Pearl Harbor Memorial through IN2L, read facts about it with him and see all the different views. He stated, "I feel like I just stepped off the boat".

Lewis County- We had a long-term part B patient on the PT caseload that was not wanting to stand during therapy to improve her endurance, BLE strength and tolerance. We used google earth on the IN2L and pulled up her address and her home. She had not seen her home in 2 years. She stood at the monitor and looked all over her property and told us stories about her plants and trees in yard. She stood for more than 2 min. without asking to sit.

Forest Cove- I was working with a gentleman for part b services last week and he wasn't having a good day. He needed to work on his sitting posture however wasn't happy to be in Physical therapy that day. We then utilized the IN2L for posture correction and for the patient to see how he looked at that time. He enjoyed correcting his posture and also improving his smile. He was back to his happy self and had lots of laughs this date and also corrected his sitting posture.

Patient comments:

Crestview- "I like everything about it; especially the Bingo".

Savannah- Residents quotes. "I love this, I can see my family in Hawaii. "This is great, I can see my old house on here, and the picture has my deceased husband on the front steps".

Crestview- "I like the games, sing-a-long. I just like it all together. It's very good. You can learn a lot from it."

Results Communication:

A press release for the Jackson Region was sent the THCA. THM will report the results to the Tennessee Health Care Association. Heather Lansaw- Regional Director of Operations of the Memphis Region with THM spoke about the iN2L system at the American Health Care Association Convention in San Diego in October of 2018.

A press release was finalized and released October 2018 to promote the program to the public and stakeholders. Brochures have been completed and we will start including these in admission process when our Admissions Coordinator does paperwork with our new families.

Problems/Delays:

All nine communities had their equipment installed and received training during the month of October. With this being the second implementation with our company we didn't experience any delays or system issues during this process. The only situation that arose was a monitor had a small crack on it which came during shipping. This was quickly identified by the iN2L team and a new monitor has been ordered and shipped to Forest Cove. We have experienced some connection issues during this quarter. Some communities had issues with usage numbers being counted due to the internet issues. The IT department has been heavy involved in the project and has worked to ensure the systems have strong connections with no delay. We feel that for the most part these issues have been solved, but IT/ the communities will continue to monitor these issue

Funding Information Summary below.