

QI
Identify Preventions
& Interventions

















Age-Friendly Homes



Oklahoma Dementia Care



QAPI – Performance Improvement Project (PIP)

- PIP team should have the following:
 - One person from the QAPI committee Must be interdisciplinary No more than 5-6 people (3 if a small) facility
 - Pharmacist, CNA, nurses, Activities, Maintenance, Laundry, etc. (closest to the problem)
 - Consider having residents or families as subject matter experts
- Leadership support
 - · Resources, encouragement, available
- √ Clear purpose
 - Share the SMART goal with them Team Charter

Follow up

Should be meeting frequently, at least weekly Use Huddles

✓ A plan

- Conduct an RCA
- Help them develop and test a PDSA weekly
- Measurement and data collection daily
- Health Equity



Elements of QAPI

Design & Scope

Governance & Leadership

Data Systems and Monitoring Performance Improvement Projects- PIPs Systemic Analysis and Action

Root Cause Analysis





QA + PI = QAPI

	QUALITY ASSURANCE	PERFORMANCE IMPROVEMENT
Motivation	Measuring compliance with standards	Continuously improving processes to meet standards
Means	Inspection	Prevention
Attitude	Required, reactive	Chosen, proactive
Focus	Outliers: "bad apples" Individuals	Processes or Systems
Scope	Medical provider	Resident care
Responsibility	Few	All





"Not all change is improvement, but all improvement is change." Donald Berwick, MD Former CMS Administrator

- You create systems to provide care and achieve compliance with nursing home regulations.
- You track, investigate, and try to prevent recurrence of adverse events.
- You compare the quality of your home to that of other homes in your state or company.
- You receive and investigate complaints.
- You seek feedback from residents and front-line caregivers.
- You set targets for quality.
- You strive to achieve improvement in specific goals related to pressure ulcers, falls, restraints, or permanent caregiver assignment; or other areas; (for example by joining the Advancing Excellence Campaign).
- You are committed to balancing a safe environment with resident choice.
- You strive for deficiency-free surveys.
- You assess residents' strengths and needs to design, implement, and modify person-centered, measurable and interdisciplinary care plans.

Take QAPI Action

- STEP 1: Leadership Responsibility and Accountability
- STEP 2: Develop a Deliberate Approach to Teamwork
- STEP 3: Take your QAPI "Pulse" with a Self-Assessment
- STEP 4: Identify Your Organization's Guiding Principles
- STEP 5: Develop Your QAPI Plan
- STEP 6: Conduct a QAPI Awareness Campaign
- STEP 7: Develop a Strategy for Collecting and Using QAPI Data
- STEP 8: Identify Your Gaps and Opportunities
- STEP 9: Prioritize Quality Opportunities and Charter PIPs
- STEP 10: Plan, Conduct and Document PIPs
- STEP 11: Getting to the "Root" of the Problem
- STEP 12: Take Systemic Action

Family and resident complaints are often underused, and yet they are a valuable way of identifying more general problems.



Correlation of 4Ms Care to Quality Measures

4Ms	CMS LTC Quality Measures Mapped to 4Ms of Age-Friendly and Dementia- Friendly Care
What Matters	% of residents whose need for help with ADLs increased
Most	% of residents who lose too much weight % of low-risk residents who lose control of their bowels or bladder % of residents with who have had a catheter inserted and left in bladder % of residents with a urinary tract infection
Medications	% residents who received an antipsychotic medication % of residents who used antianxiety or hypnotic medication
Mentation	% of residents with behavioral symptoms affecting others % of residents who have symptoms of depression
Mobility	% of residents experiencing one or more falls with major injury % of residents whose ability to move independently worsened
	% of residents who were physically restrained % of high-risk residents with pressure injuries





CASPER Report MDS 3.0 Facility Level Quality Measure Report

					,		Comparison	•	•
Measure Description	CMS ID	Data	Num	Denom	Facility Observed Percent	Facility Adjusted Percent	Group State Average	Group National Average	Group National Percentile
Hi-risk/Unstageable Pres Ulcer (L)	N015.03	С	2	28	7.1%	7.1%	9.9%	9.0%	45
Phys restraints (L)	N027.02	С	0	54	0.0%	0.0%	0.2%	0.2%	0
Falls (L)	N032.02	С	29	54	53.7%	53.7%	51.9%	46.4%	70
Falls w/Maj Injury (L)	N013.02	С	1	54	1.9%	1.9%	4.9%	3.6%	31
Antipsych Med (S)	N011.02	С	1	18	5.6%	5.6%	2.7%	2.2%	91 *
Antipsych Med (L)	N031.03	С	3	51	5.9%	5.9%	14.7%	14.4%	17
Antianxiety/Hypnotic Prev (L)	N033.02	С	2	24	8.3%	8.3%	8.3%	6.3%	74
Antianxiety/Hypnotic % (L)	N036.02	С	14	42	33.3%	33.3%	23.9%	19.7%	90 *
Behav Sx affect Others (L)	N034.02	С	20	50	40.0%	40.0%	17.1%	20.7%	89 *
Depress Sx (L)	N030.02	-0	3	40	6.1%	6.1%	4.8%	7.4%	70
UTI (L)	N024.02	С	1	43	2.3%	2.3%	3.5%	2.8%	59
Cath Insert/Left Bladder (L)	N026.03	С	0	42	0.0%	0.0%	2.4%	2.0%	0
Lo-Risk Lose B/B Con (L)	N025.02	С	12	21	57.1%	57.1%	38.3%	47.4%	70
Excess Wt Loss (L)	N029.02	С	2	34	5.9%	5.9%	5.5%	8.5%	42
Incr ADL Help (L)	N028.02	С	8	41	19.5%	19.5%	14.7%	17.1%	65
Move Indep Worsens (L)	N035.03	С	3	27	11.1%	13.8%	19.1%	27.2%	20
Improvement in Function (S)	N037.03	С	3	8	37.5%	48.8%	68.8%	70.5%	11 *

Measure Description	CMS ID	Numerator	Denominator	Facility Observed Percent	Facility Adjusted Percent	National Average
Pressure Ulcer/Injury ¹	S038.02	5	99	5.1%	7.5%	2.6%



Definitions

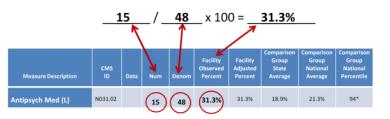
Numerator – <u>actual</u> number of residents who were impacted by the QM condition during the report period

Denominator – number of residents *potentially* impacted by the QM condition during the report period

Calculating the Facility Observed Percent

Numerator divided by the denominator multiplied by 100

Example: Antipsychotic Med (Long Stay) QM



Why is the Denominator Different?

- · Short stay vs. long stay
- Only residents who are not excluded from the Quality Measure are counted in the denominator
 - The Antipsychotic Quality Measure excludes Schizophrenia, Tourette's Syndrome and Huntington's Disease
 - Some Quality Measures exclude the admission assessment or the 5 Day PPS assessment



Resident Level Report

Resident Name	Resident ID	A0310A/B/F	SR Mod/Severe Pain (5)	SR Mod/Severe Pain (L)	Hi-risk Pres Ulcer (L)	New/worse Pres Ulcer (S)	Phys restraints (L)	Fall (L)	Falls w/ Maj Injury (L)	Antipsych Meds (5)	Antipsych Med (L)	Antianxiety/Hypnotic (L)	Behav Sx Affect Others (L)	Depress Sx (L)	UTIGL	Cath Insert/Left Bladder (L)	Lo-Risk Lose B/B Con (L)	Excess Wt Loss (L)	Incr ADL Help (L)	Quality Measure Count
Resident A	10001	04/99/99	X					Х					X	X		10000				-4
Resident B	10002	99/99/11		Х				X	X		X				X.		Ж		Х	7
Resident C	10003	02/99/99																		1
Resident D	10004	04/99/99				Х		X			X						X			4
Resident E	10005	99/99/11				900		20,04			Х						Х		Х	4
Resident F	10006	02/99/99			X	X						1						X		3
Resident G	10007	04/99/99		Х				X			X						X		X	- 5
Resident H	10008	99/99/11						X	X		X									3
Resident I	10009	02/99/99		X				X		-	X						X		X.	5



Resident Level Report

Resident Name	Resident ID	A0310A/B/F	SR Mod/Severe Pain (S)	SR Mod/Severe Pain (L)	Hi-risk Pres Ulcer (L)	New/worse Pres Ulcer (S)	Phys restraints (L)	Fall (L)	Falls w/ Maj Injury (L)	Antipsych Meds (5)	Antipsych Med (L)	Antianxiety/Hypnotic (L)	Behav Sx Affect Others (L)	Depress Sx (L)	UTI (L)	Cath Insert/Left Bladder (L)	Lo-Risk Lose B/B Con (L)	Excess Wt Loss (L)	Incr ADL Help (L)	Quality Measure Count
Resident A	10001	04/99/99	Х					Х					Х	Х						4
Resident B	10002	99/99/11		Х				Х	Χ		Х				Х		Х		Х	7
Resident C	10003	02/99/99																		1
Resident D	10004	04/99/99				Х		Х			Х						Х			4
Resident E	10005	99/99/11									Х						Х		Х	4
Resident F	10006	02/99/99			Х	Х												Х		3
Resident G	10007	04/99/99		Х				Х			Х						Х		х	5
Resident H	10008	99/99/11						Х	Х		Х									3
Resident I	10009	02/99/99		Х				Х			Х						Х		Х	5

Data provided is fictional



What do your Quality Measures Reflect for your Home?

Anti-Psychotic Medication

Pressure Ulcers







ADLs

increased

help





Prepare for QAPI Journey

- ☐ Review your Facility Level Quality Casper Report
- □ Choose your Quality Measures to focus on
- Team Huddles
- Root Causes

Positive
Depression
Screening



Performance Improvement Project (PIP) Documentation

Nursing Home Name:		Start Date:				
PIP Team Members:						
Staff Name	Title					

PIP Team Project:

Q	Quality Measure of Focus	Baseline Rate of QM	Improvement Goal for QM	Goal Rate	Date to reach the goal rate

Goal Monitoring:

Current Date	Current Rate	Current Date	Current Rate	Current Date	Current Rate

Interventions: The following are the interventions Implemented:

Start Date	Intervention Description	Intervention Notes	Outcome/Results

(Duplicate rows as needed)

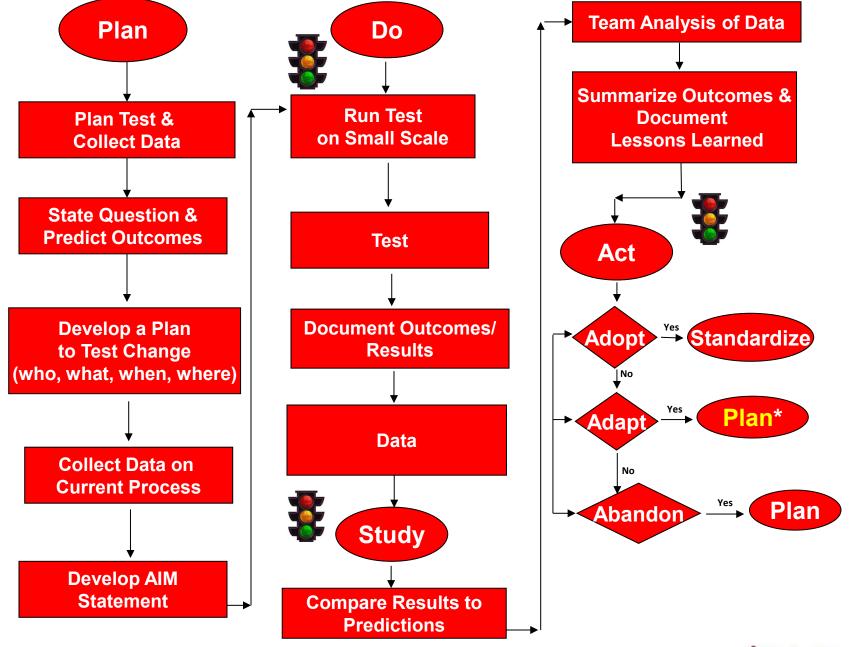
Performance	Improvement	Project (P	PIP)	Document	tatior
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Nursing Home:	Start Date:

Outcomes: Use the table below to document what has worked, what has not worked, or lessons learned.

Intervention Successes	Intervention Barriers	Lessons learned
	I	









Shift Team Huddles

Plan: on Monday we will test the new huddle format at 9:00am with staff on Birch Neighborhood. Huddle will be run by DON for 15min at the nursing station. All available staff invited.

Agenda will include:

- Staff shout outs
- New or readmissions, planned discharges
- Unplanned discharges, rehospitalizations
- "At Risk" residents and residents on the watch list
- Point of care staff observations, needs and requests
- PIP Update
- Announcements

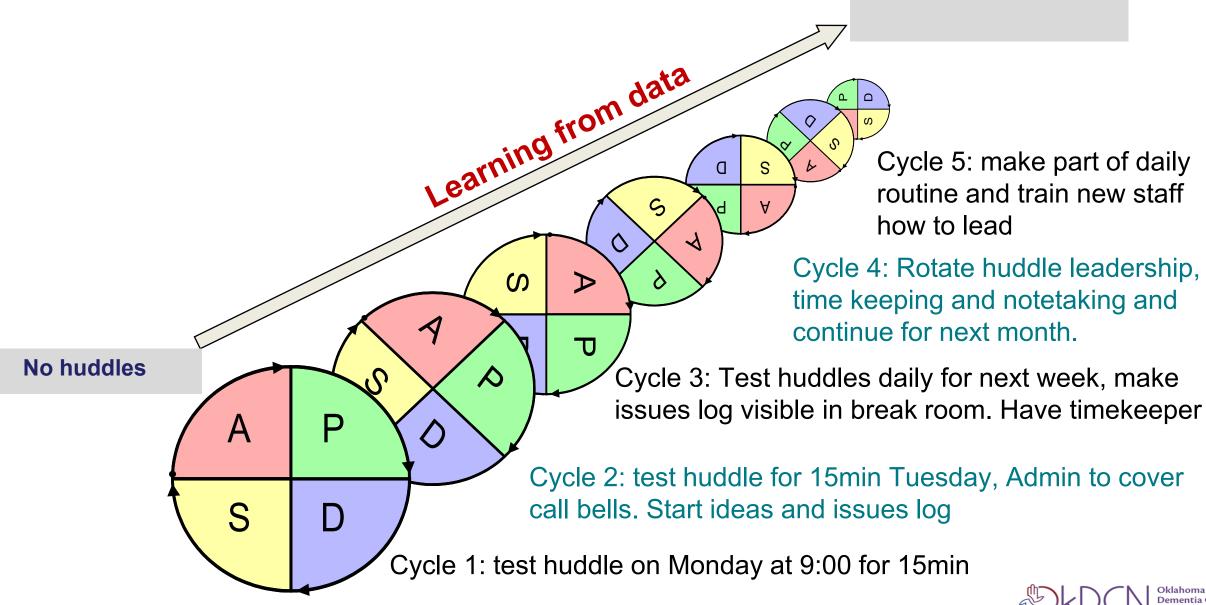
Do: Test was run but staff were pulled away from huddle to answer call bells. Meeting went over as we got pulled into a conversation around a specific resident.

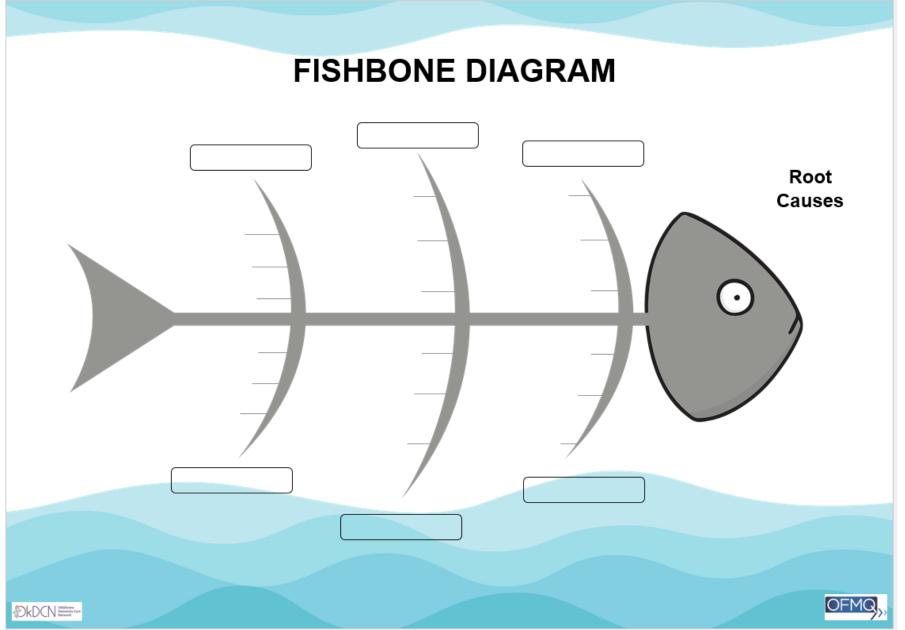
Study: Huddle was a great way to engage staff and allowed leaders to convey key information quickly. Staff were distracted by resident's needs during the huddle, and we found we needed a way to plan for follow-up conversations for longer discussions.

Act: Repeat huddle on Tuesday at 9am. 2 staff will be designated to cover resident's needs during huddle so point of care staff can participate. An Ideas and Issues log will be started.



Reliable Daily huddles







Quality Measures

Falls & Falls with Major Injury

• Safe Mobility, Transfers, Pre-Root Cause

Anti-Psychotics & Anti-Anxiety Medications

- Medication Review and Deep-Dive
- Re-Train on non-Pharmaceutical interventions

Depression

- Screenings
- Interventions

Behaviors affecting others

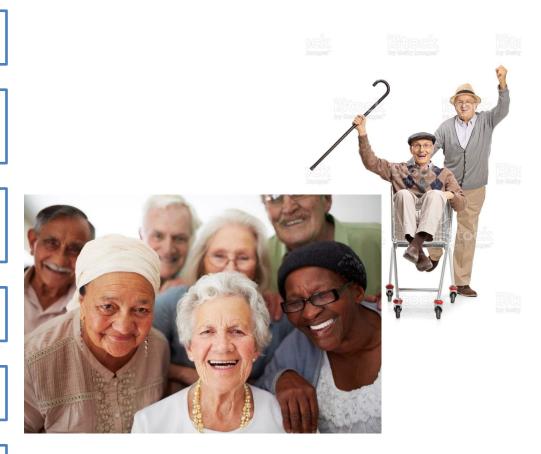
Interventions

ADLs

• Dressing, Toileting, Feeding

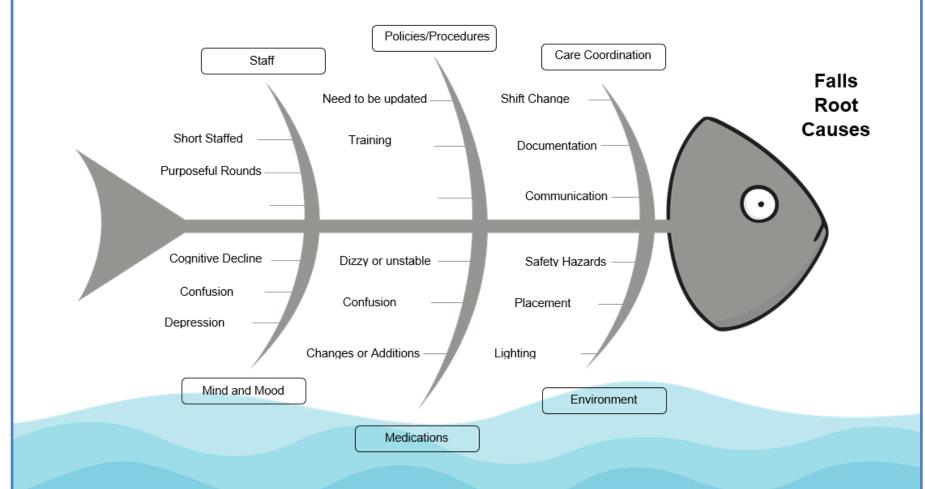
Enjoying Quality of Life

- What Matter Most
- Going to Church, attending Sunday brunch with my family





FISHBONE DIAGRAM







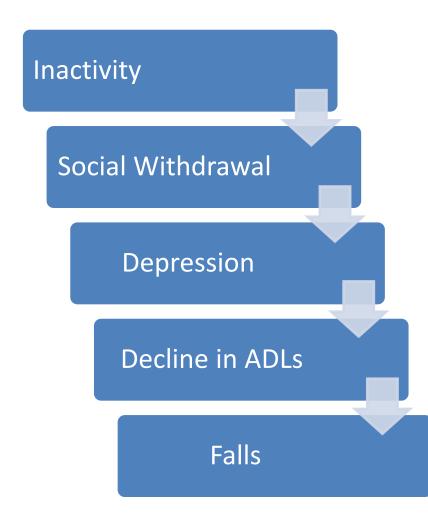


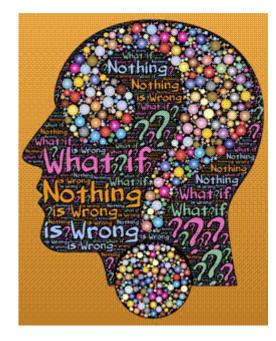
Medications can impact a resident's functional status and quality of life.

Common Medication Side-effects

Insomnia Mobility Appetite Delirium Adverse Drug **Events**

Effects on Quality







Medication side effects



Manifestations of medication side-effects

- Poor Sleep
- Comfort
- Cognition
- Unstable Balance
- Appetite

Interventions

- Timeline and Root Cause Analysis
- Fewer Meds equals fewer side effects
- Gradual Dose Reduction

Use of Tools

- Comprehensive Assessment Tool
- History
- Health Information Exchange
- Education and Communication Staff and Family
- Narcan for Opioid Adverse Drug Events
- Tapering Tools
- Agreements with Resident and Families



 What are the only diagnoses that are approved for Anti-Psychotic medications? Therefore, excluded from the AP Quality Measure.

MDS Elements Related to the Residents Who Received an Antipsychotic Medication Quality Measure

	Active	e Diagnoses in the last 7 days - Check all that apply
l	Diagno	oses listed in parentheses are provided as examples and should not be considered as all-inclusive lists
ſ		Neurological - Continued
I		15250. Huntington's Disease
l		15350. Tourette's Syndrome
I		Psychiatric/Mood Disorder
l		16000. Schizophrenia (e.g., schizoaffective and schizophreniform disorders)



Informed Consent

Informed Consent for Use of Anti-Psychotic Medication Therapy Resident Name: @RESIDENTNAME@ Physician: @ATTENDINGPHYSICIAN@ Date: @CURRENTDATE@ Psychotropic Medication Ordered: Specific Condition to be treated: Bipolar Disorder Huntington's Disease Delirium Impulse Control Disorder Dementia, Alzheimer's type w/Behavioral Mood Disorder w/Psychotic Features Delusional Disorder Disturbance Dementia w/Behavioral Features Obsessive-Compulsive Disorder Dementia w/Psychotic Features Psychotic Disorder, NOS/Psychosis Dementia Vascular w/Behavioral Disturbance Schizophrenia/Schizo-Affective Disorder Tourette's Syndrome Target Symptom(s) or Behavior(s) resident is exhibiting that are harmful/present a danger to the resident or others. Non-Pharmalogical care options have been unsuccessfully attempted for above target symptoms/behaviors The Beneficial Effects Expected from the Medication: □_{Other:} Improved Functionality Reduced Adverse Symptoms/Behaviors Common side-effects or risks associated with Antipsychotic Medications: Cholesterol increase Abdominal Pain Confusion Ataxia · Frequent urination Constipation Diarrhea Thirst Hangover effect Tremors Hypotension Weight loss/gain Nausea/Vomiting $\frac{\text{The proposed course of the medication is:}}{\square_1 \, \text{month}}$ □12 months □_{3 months} Prolonged Treatment □₆ months @RESIDENTNAME@

STATEMENT OF CONSENT						
physician has prescribed the above listed anti	Consent to the use of I understand my scribed the above listed antipsychotic medication(s) for a specific diagnosis manifesting target rior. The medication listed on the reverse side of this form along with its conditions for use and ects.					
I give consent voluntarily and without coercive any time by me. I understand this consent is value above-mentioned medication.		·				
IDO NOT Consent to the use of result of my refusal to consent to the prescrib from any liability or responsibility for anything	ped antipsychotic medication(s), I al	osolve the facility and its employees				
I understand my refusal to consent to the pre- unable to meet my needs, necessitating the fa needs.						
IN-PERSON CONSENT:						
Nurse's Signature (Completing Form)		Date				
Resident's Name (Print)	Resident's Signature	 Date				
Resident Representative or Durable Powe	er of Attorney					
Authorized Person's Name and Relationship	Signature	Date				
TELEPHONE CONSENT:						
Name of person giving consent:		Date:				
Relationship to Resident:						
Nurse's Signature:		Date:				



Dementia Assessment in combination with Antipsychotic Medication Use

MULTIDISCIPLINARY MEDICATION MANAGEMENT COMMITTEE ANTIPSYCHOTIC USE IN DEMENTIA ASSESSMENT RESIDENT NAME: ______ ROOM: _____ PHYSICIAN: _ ASSESSMENT DATE: _____ □ Initial assessment □ Continuation assessment PHQ-9 Score/date: ______ BIMS/CPS Score/date: ANTIPSYCHOTIC (name/dosage/directions): Start Date: _____ Last Dosage Change: ___ (Decrease/Increase) OTHER CONCURRENT CLINICAL CONCERNS: □ Infection □ Constipation □ Weight loss □ Falls □ Parkinson's □ Depression □ Insomnia □ Other: REASON FOR ANTIPSYCHOTIC INITIATION: Dementing Illness with associated behavioral symptoms Dementia alone Other: No Indication Identified TARGETED SYMPTOMS OR BEHAVIORS (why was it started): NONPHARMACOLOGICAL INTERVENTIONS: BEHAVIORAL TRENDS SINCE LAST ASSESSMENT (In Documentation): Behavioral symptoms Decreased Behavioral symptoms Increased No Change in Behavioral symptoms SUMMARY: _ ADVERSE EFFECT MONITORING (changes from baseline functioning) [AIMS= ____ date____] or confusion Muscle spasm, ☐ Uncontrolled dyskinesia tremor, shaking movements ☐ Headache ☐ Swallowing difficulty Speech difficulty □ Drooling □ Increased skin sensitivity anxlety ■ NO Apparent ADR's reported M3 COMMITTEE SUMMARY OF BEHAVIORAL TRENDS & ANTIPSYCHOTIC USAGE: Page 1 of 2

MULTIDISCIPLINARY MEDICATION MANAGEMENT COMMITTEE

ANTIPSYCHOTIC USE IN DEMENTIA ASSESSMENT

	MITTEE RECOMMENDATION (Date:): Always consider a dose reduction even if it may have failed in the past
	dual Dances Daduction additis Times
□ Gra	adual Dosage Reduction at this Time: Recommended dose reduction (write new orders):
	- Recommended dose reduction (write new orders).
□ Gra	Previous attempt at GDR resulted in reoccurrence of behavioral symptoms (documented date:
□ Re	cent Dosage Change (<60 days):
□ W īi	I Consider GDR when Resident is Clinically Stable:
_	Clinical Rationale:
	commend Additional Clinician Assessment of Behavioral Symptoms with low-up Report at Next Scheduled Meeting
M3 Committee	Mombors
	: Executive Director: D.O.N.:
	macist: Social Services: Nurse Manager:
. <u>Attendin</u>	IG PHYSICIAN ASSESSMENT (Date:):
□ /A	gree with M3 Committee's recommendation (follow recommendation above)
□ /A	gree with M3 Committee's recommendations, but with these orders:
	0
	sagree with M3 Committee's recommendations because (specific clinical
rati	onale for this resident required):
	0
PHYSICIA	AN SIGNATURE: Date:
ORDERS	CONFIRMED BY: Date:
	Page 2 of 2



PDSA Cycle Worksheet

Aim: (Overall goal you would like to reach)

Every goal will require multiple smaller tests of change

	Describe your first (or next) test of change		Person Responsible	Date of completion	Where to be done
Plan:					
	List the tasks needed to set up this test of change		Person Responsible	Date of change test	Where to be done
	1- 2- 3-				
	4- 5-				
	Predictions what will happen when the test is carried out	Measures to de	termine if predict	ion succeeds	
	1- 2-	1- 2-			
	3- 4-	3- 4-			

Describe what happened when you ran the test Do:

Describe the measured results and how they compare to the predictions Study:

Describe what adjustments to the plan will be made for the next cycle from what you learned Act:











- QAPI Meetings
- PIPs
- Triggers
- Trends
- MDS Coding Errors
- Ask Why's
- Engaging and Impowering Staff
- Engage families AND residents
- PDSAs
- Root Cause Analysis





MDS-Section G

- More Errors found in this section of MDS then any other
 - Impacts Survey and Star Rating
 - Significantly impacts Reimbursement
 - Staffing Patters
 - Care Planning
 - Documentation must paint an accurate picture
- Are you taking the credit for the quality of care you are providing?

MDS CODING FOR SUPPORT PROVIDED

- 0 = NO SETUP OR PHYSICAL HELP FROM STAFF
 - 1 = SETUP HELP ONLY
 - 2 = ONE PERSON PHYSICAL ASSIST (ME + THE RESIDENT = 2)
 - 3 = TWO+ PERSON PHYSICAL ASSIST (YOU + ME + THE RESIDENT = 3)
 - 8 = ADL ACTIVITY ITSELF DID NOT OCCUR OR FAMILY/NON-FACILITY STAFF PROVIDED CARE 100%
 OF THE TIME FOR THAT ACTIVITY OVER THE ENTIRE 7 DAY PERIOD

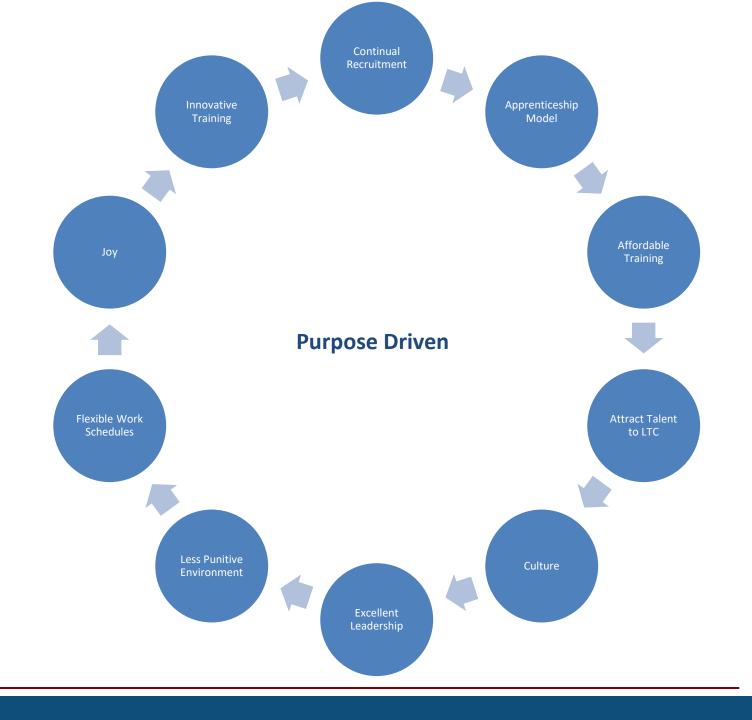
CODE HIGHEST LEVEL OF SUPPORT DURING 7 DAY LOOK BACK



4 ADL'S INCLUDED IN QM'S - LATE LOSS

- BED MOBILITY (G0110A1) HOW RESIDENT MOVES TO AND FROM LYING POSITIONS, TURNS SIDE TO SIDE, AND POSITIONS BODY WHILE
 IN BED OR ALTERNATE SLEEP FURNITURE. *THIS INCLUDES LIFTING LEGS UP ONTO THE BED, OR SWINGING LEGS OVER EDGE OF BED TO
 ASSIST TO SITTING POSITION
- TRANSFER (G0110B1) HOW RESIDENT MOVES BETWEEN SURFACES INCLUDING TO OR FROM: BED, CHAIR, WHEELCHAIR, STANDING POSITION (EXCLUDES TO/FROM BATH/TOILET)
- TOILETING (G0110I1) HOW RESIDENT USES THE TOILET ROOM, COMMODE, BEDPAN, OR URINAL; TRANSFER ON/OFF TOILET; CLEANSES
 SELF AFTER ELIMINATION; CHANGES PAD; MANAGES OSTOMY OR CATHETER; AND ADJUSTS CLOTHES
 - > DON'T INCLUDE EMPTYING OF BEDPAN, URINAL, BEDSIDE COMMODE, CATHETER BAG OR OSTOMY BAG
- EATING (G0110H1) HOW RESIDENT EATS AND DRINKS, REGARDLESS OF SKILL.
 - > DON'T INCLUDE EATING/DRINKING DURING MEDICATION PASS.
 - > INCLUDES INTAKE OF NOURISHMENT BY OTHER MEANS (TUBE FEEDING, TOTAL PARENTERAL NUTRITION, IV FLUIDS ADMINISTERED FOR NUTRITION OR HYDRATION

Quality Staffing is Critical





Story Boards
Pocket Cards
Team Initiatives
Team Commitment
Team Goals
Implementation of Interventions
Effective Change Initiatives



Sustainability of Quality Improvement





A Case to Consider-Moments of Momentum

• A 90-year-old resident of a long-term care facility has a history of dementia, diabetes mellitus, peripheral vascular disease, and osteoarthritis. He is totally dependent in activities of daily living (ADLs). Over the course of the past 2 weeks, he is noted to have a decreased appetite and a sudden change in behavior. He is being discussed at the team meeting due to this change in behavior



References

- U.S. Department of Health and Human Services, Health Resources and Services Administration.
 Quality Improvement adapted from
 http://wwwhrsagov/healthit/toolbox/HealthITAdoptiontoolbox/QualityImprovement/whatarediffbtwqinqahtml
- https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/QAPI/downloads/QAPIAtaGlance.pdf



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