LTPAC providers responded positively when CMS called for a reduction in the unnecessary use of antipsychotic medications with a 17.1 percent reduction (23.8 percent to 19.8 percent) over the 21 months between the end of 2011 and the end of 2013.

CMS announced a new goal in September 2014: reducing the use of antipsychotic medications in long-stay nursing home residents by 25 percent by the end of 2015, and 30 percent by the end of 2016.

The announcement was from CMS as part of the National Partnership to Improve Dementia Care, a coalition of consumers, advocacy organization, providers, and professional associations including AHCA and LeadingAge.

CMS will mark providers' success in this initiative by posting a measure of each nursing home's use of antipsychotic medications on the CMS Nursing Home Compare Website. In the coming months CMS plans to add the antipsychotic measure to the calculations for its Five Star Quality Rating System.

To meet these reductions for 2015 and 2016, many Long-Term and Post-Acute Care (LTPAC) facilities will be taking a systematic approach, including using Quality Improvement and QAPI methods and tools.

An important first step in a facility's process is to identify the residents who are taking those medications as well as their diagnoses and conditions associated with the use of antipsychotics.

If your facility completes MDS 3.0 assessments and CMS 672-802 forms for surveyors, with a software system such as NetSolutions from NTT DATA, you already have that information.

CMS-672: Powerful Tool for Tracking Antipsychotics...

You can use the CMS-672 report by facility (above) to see how many of your residents have triggered F-tags. Click on the number for a list of residents and click on one resident to see the MDS response that triggered the response (shown at right).

... and a Resident's Status

This NetSolutions sample screen shows the resident and his MDS response. You can update a response in this screen and NetSolutions will update the open MDS or, if one isn't open, will hold the data for the resident's next MDS.
Data’s Role in Quality Improvement Activities

A key part of Quality Improvement methods is to use data to identify and define issues and to measure progress. As you are putting in place your programs to reduce unnecessary use of antipsychotics, you will find your EMR software is a valuable tool.

EMR systems turn the data already entered into useful information on your residents’ medications, diagnoses, clinical status, and more.

CMS-672/802 – Watching the Forest and each Tree

If you are only generating the CMS-672/802 forms when surveyors arrive, you are missing out on a powerful tool for reduction of antipsychotics.

The form is simple to generate and keep current with software systems such as NetSolutions. Its MDS 3.0 software populates the forms automatically using MDS data and with updates you’ve entered directly into the forms as part of your daily auditing.

The 672/802 form also gives you advance information on issues that could lead to antipsychotic use in time for you to take action.

The 672 Census & Conditions report can be generated by facility and by resident. The facility report shows how many residents triggered each F-tag. The resident report shows which F-tags an individual triggered.

The Medications category includes:

- F133 – Any psychoactive
- F134 – Antipsychotic
- F135 – Antianxiety medications
- F136 – Antidepressant
- F137 – Hypnotic medications

Click on the number at each F-tag in the facility report to drill down to a list of residents who triggered.

Click on a resident name and see the exact MDS response. You can update responses in between assessments. The new data will update an open MDS or be held for the next MDS.

Feedback Loop: The CMS 672/802 reports also can be a feedback loop, giving you an objective way to measure the effectiveness of your actions to reduce use of antipsychotics.

Resident Analysis with MDS

Be sure to take advantage of any advanced reporting capabilities offered with your MDS software. For example, NetSolutions software provides the ability to generate an unlimited number of report combinations, such as all residents using antipsychotics and restraints (see screenshot below).

Reach beyond the MDS to combine data from MDS 3.0 with information from ADT and User-

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**Combine MDS 3.0 responses to pinpoint data you need to reduce antipsychotic use**

Put your MDS data to work in reports for analyzing data. In the above NetSolutions report query page you can build a report of residents by their response at one or more MDS item/s and add directions, such as And or Or, greater or lesser than. Your queries can be saved and re-used to measure change over time and trends.
Defined Assessments to create reports such as all residents in a certain wing who use antipsychotics and are patients of Dr. Smith.

These reports can be a starting point or baseline for Quality Improvement activities and can identify trends as your facility continues to reduce its use of antipsychotics.

Dashboard Indicators
Your dashboard software can give you information at a glance on your facility’s status on antipsychotic use. A dashboard product such as NetSolutions can give you these Key Indicators:

» Antipsychotic Meds - Days Received, Last 7 Days
» Antianxiety Meds - Days Received, Last 7 Days
» Antidepressants - Days Received, Last 7 Days
» Hypnotic Meds - Days Received, Last 7 Days

A number will display for each key indicator in the dashboard view. Click on the number to drill down to information by date and residents included in the number.

For a different perspective, you can quickly change the format of the data, such as tables, bar charts, pie charts, and gauges (see sample screenshot above).

When your dashboard is a cloud-based solution, the information is available anytime anywhere.

### Information from Medication Order Reports
From software such as NetSolutions Physician Orders you can create reports to help you pinpoint residents’ use of antipsychotics and other factors. Reports such as these could be helpful:

» Active Orders – selected active physician orders for a resident in a summary list
» Behavior Monitoring Record – residents’ behavior related to the administration of psychoactive drugs
» Order by Order Text – to look up specific drugs
» Orders by Order Date – Lists residents who have orders with an order date that falls within a selected range

» Orders by Order Code Report – residents who have orders with a specific order code
» Pre-Admission Orders
» Orders by Order Type – Lists residents who have orders of a specific order type
» Reviewed Orders – shows when residents’ orders were reviewed and when they are due for review

### More Data Sources
Capture additional information on residents’ use of antipsychotics with software such as NetSolutions eMAR. With that product you can flag orders to indicate that notes should be charted and/or vitals taken when a specific medication is administered.

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**About NTT DATA**

NTT DATA is your Innovation Partner anywhere around the world. With business operations in more than 35 countries, we put emphasis on long-term commitment and combine global reach and local intimacy to provide premier professional services from consulting, system development, business process and IT outsourcing to cloud-based solutions.

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