

Facility Assessment of Urinary Catheter Management

This is a series of facility assessment checklists for nursing home staff to use in order to assess their processes related to urinary catheter management in the facility and, in order to identify areas that need improvement. Use these checklists to look at your current practice more critically.

It may also be helpful to view your facility's nationally reported Quality Measure scores to help you identify areas for quality improvement and see how your nursing home compares with others in your state and across the country: <http://www.medicare.gov/NHCompare>

Directions:

- These checklists are designed for completion by a Director of Nursing (DON) or other team leader who knows the current facility practices well.
- The person completing the checklist should consult with appropriate staff and review residents' medical records to ensure the most accurate information is captured

Use these checklists as the starting point for a quality improvement project guided by the Quality Improvement Worksheets. When answering questions on the checklists, if you are not sure or answer "no" to one of the questions, utilize Quality Improvement Worksheet A: Identifying Areas for Improvement, in order to collect additional data and investigate further.

Included:

Checklists on the following urinary catheter-related topics:

- Screening
- Evaluating Appropriateness
- Evaluating Use
- Care Planning
- Monitoring Use
- Reevaluating Use
- Policy Assessment
- Staff Education and Training

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Checklist: Screening for Urinary Catheters

Does your facility have a process to screen residents for duration of catheterization?

[A screening assessment is a brief assessment or 3 questions that determine: the reason for catheterization and availability of alternative therapeutic interventions; the type of urinary drainage catheter; and how long the resident has had/ or will have the catheter in place (date of insertion/ and plan for removal).]

_____ **No.** If no, this is an area for improvement. Use this checklist and the Quality Improvement Worksheets to guide your team in implementing a process for screening residents who have a urinary catheter in place.

_____ **This is an area we are working on.** Our target date for implementing a process for screening is:_____.

_____ **Yes.** Please continue to the questions below.

Does your facility have a process for screening that addresses all the areas listed below?

	Yes	No	Person Responsible:	Comment:
1. Does your facility have a policy and procedure that residents on admission or re-admission will be screened for the presence of a urinary catheter?	G	G		
2. If a urinary catheter is in found to be in place after screening, does your facility have a process that will lead to a comprehensive evaluation of the catheterized resident? *	G	G		

If any of the above elements in your process for screening for urinary catheters are missing (answered “No” to any of the questions):

- Use Quality Improvement Worksheet A: Identifying Areas for Improvement to collect data to investigate further.
- Follow the Quality Improvement Worksheets to implement missing element(s) and monitor regularly to determine whether or not implementation is successful.

If none of the above elements are missing from your facility’s process (answered “Yes” to each question), you may either continue on to another checklist, or end here.

*Refer to MDS Urinary Incontinence & Indwelling Catheter RAP, p. 32-41 for assessment of urinary incontinence and need for catheter.

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Checklist: Evaluating Appropriateness of Urinary Catheter Placement

Does your facility complete a comprehensive evaluation of appropriateness of catheter placement? [A comprehensive assessment for etiology is also done when someone develops new symptoms of urinary retention, urinary frequency or urinary incontinence that may indicate need for catheterization.]

_____ **No.** If no, this is an area for improvement. Use this checklist and the Quality Improvement Worksheets to guide your team in implementing a process for evaluating appropriateness of urinary catheter placement.

_____ **This is an area we are working on.** Our target date for implementing a process for evaluating appropriateness of urinary catheter placement is: _____. If needed, use the Quality Improvement Worksheets to guide your improvement process.

_____ **Yes.** Please continue to the questions below.

Does your comprehensive evaluation of appropriateness of catheter placement include all of the elements below?

	Yes	No	Person Responsible:	Comment:
1. Does your policy and procedure state that the resident should be evaluated for appropriateness of catheter placement and possible reversible conditions at the following times: a. At admission b. At readmission c. At each MDS assessment d. With each change in condition	G G G G	G G G G		
2. Does your etiologic evaluation include: a. Questions to identify the etiology of the urinary dysfunction and eliminate reversible conditions b. Questions to identify alternative measures of intervention to avoid need for catheterization or re-catheterization c. Resident, resident family, and care provider participation to determine the best means for urinary management dependent on the cause? d. Collection of urine specimen e. Review of urinary lab reports (e.g. cultures, PVR)?	G G G G G	G G G G G		
3. When a comprehensive assessment is done, are all these elements completed and recorded on your assessment form?	G	G		

Checklist: Evaluating Appropriateness of Urinary Catheter Placement (cont.)

If any of the above elements in your process for evaluating appropriateness of urinary catheter placement are missing (answered “No” to any of the questions):

- Use Quality Improvement Worksheet A: Identifying Areas for Improvement to collect data to investigate further.
- Follow the Quality Improvement Worksheets to implement missing element(s) and monitor regularly to determine whether or not implementation is successful.

If none of the above elements are missing from your facility’s process (answered “Yes” to each question), you may either continue on to another checklist, or end here.

Checklist: Evaluating Urinary Catheters

Does your facility complete a comprehensive evaluation of residents who are found to have or need urinary catheter placement upon screening (or if there is no screening process in place, at another time)?

[A comprehensive evaluation for etiology is done when someone develops new symptoms of urinary retention, urinary frequency or urinary incontinence.]

_____ **No.** If no, this is an area for improvement. Use this checklist and the Quality Improvement Worksheets to guide your team in implementing a process for urinary catheter evaluation.

_____ **This is an area we are working on.** Our target date for implementing a process for evaluation is: _____.

_____ **Yes.** Please continue to the questions below.

Does your comprehensive evaluation include all of the elements below?

	Yes	No	Person Responsible:	Comment:
1. Does your policy and procedure state that residents should be evaluated at the following times: a. Upon admission b. Upon readmission c. With each MDS assessment d. With each change in condition?	G G G G	G G G G		
2. On evaluation/reevaluation of the resident who has a urethral, supra pubic, or condom catheter are the following elements included: a. Description of the catheter type: urethral, supra-pubic, or condom b. Description of catheter and balloon size (e.g. <u>X</u> French <u>Y</u> ml balloon) c. Appropriate fit /sizing of condom catheter d. Frequency to check if catheter is secure, drainage tubing & bag reservoir are in position (avoid backflow of urine) e. Appropriate schedule for catheter change or removal (e.g. every 30 days, if leak or blockage occurs) f. Record quality, quantity and character of urinary drainage every shift g. Schedule for routine catheter insertion site/skin assessment and care. h. Review of factors influencing urinary condition (medication, mentation, hydration, constipation, pathology, infection) i. Compliance to CDC guidelines for prevention of catheter – related infection.	G G G G G G G G G	G G G G G G G G G		

Checklist: Evaluating Urinary Catheters (cont.)

	Yes	No	Person Responsible:	Comment:
j. Review of Urinary lab reports (ex. for pending cultures, PVR)	G	G		
k. Absence or presence of complications (Signs and symptoms of urinary tract infection or damage to genitourinary tract or pressure ulceration at the catheter exit site)?	G	G		
3. Does the resident, family, and care provider participate in the decision-making process to determine the best means for urinary management?	G	G		
4. Does the evaluation look at preventive measures to avoid need for catheterization or re-catheterization?	G	G		
5. Are all of these elements recorded on your facility's evaluation form and available in the resident's medical record for interdisciplinary review?	G	G		

If any of the above elements in your process for evaluating urinary catheters are missing (answered “No” to any of the questions):

- Use Quality Improvement Worksheet A: Identifying Areas for Improvement to collect data to investigate further.
- Follow the Quality Improvement Worksheets to implement missing element(s) and monitor regularly to determine whether or not implementation is successful.

If none of the above elements are missing from your facility’s process (answered “Yes” to each question), you may either continue on to another checklist, or end here.

Checklist: Developing Urinary Catheter Care Plans

Does your facility have a process for developing and implementing care plans for catheter care of residents who have catheters in place?

_____ **No.** If no, this is an area for improvement. Use this checklist and the Quality Improvement Worksheets to guide your team in implementing a process for developing care plans for catheter care.

_____ **This is an area we are working on.** Our target date for implementing a process for developing a care plan for catheter care is: _____. If needed, use the Quality Improvement Worksheets to guide your improvement process.

_____ **Yes.** Please continue to the questions below.

Does the plan of care for catheter care address all the areas below?

	Yes	No	Person Responsible:	Comment:
1. Does the care plan for urinary catheterization include provision of educational materials to assist the resident/caregiver/family member in the process of evidence-based decision-making regarding need for catheterization?	G	G		
2. Does the care plan include education of the resident and family related to these areas of urinary catheter management: a. Goal of therapy, overall treatment plan b. Potential for complications/adverse effects (signs of infection, skin breakdown) c. Duration of catheterization d. Availability of alternative interventions?	G G G G	G G G G		
3. Does the plan of care promote compliance to accepted clinical practice guidelines (e.g. Centers for Disease Control - CDC) for prevention of catheter related infection?	G	G		
4. Does the plan of care provide for check of the closed urinary drainage system's integrity, patency, and sterility?	G	G		
5. Does the care provide for a regular re-evaluation (e.g., monitoring) of resident's continued need for the urinary catheter and for timely removal of the catheter?	G	G		
6. Does the care plan provide for monitoring of catheterized residents for signs and symptoms of complications (including UTI and catheter malfunction) and timely therapeutic intervention?	G	G		
7. Does the care plan address preventive interventions to avoid risk factors leading to the need for prolonged urinary catheterization such as evaluating fluid balance and medication effects on mentation, hydration, and the parasympathetic nervous system? *	G	G		

Checklist: Developing Urinary Catheter Care Plans (cont.)

	Yes	No	Person Responsible:	Comment:
8. Does the care plan outline daily care, monitoring and re-evaluation of residents for symptoms of catheter-related UTI or other related complications?	G	G		

If any of the above elements in your process for developing urinary catheter care plans are missing (answered “No” to any of the questions):

- Use Quality Improvement Worksheet A: Identifying Areas for Improvement to collect data to investigate further.
- Follow the Quality Improvement Worksheets to implement missing element(s) and monitor regularly to determine whether or not implementation is successful.

If none of the above elements are missing from your facility’s process (answered “Yes” to each question), you may either continue on to another checklist, or end here.

*Refer to MDS Urinary Incontinence & Indwelling Catheter RAP, p. 32-41 for further evaluation to assist in care planning of urinary incontinence and catheterization.

Checklist: Monitoring the use of Urinary Catheters

Does your facility have a process to monitor and regularly reevaluate the use of urinary catheters?

_____ **No.** If no, this is an area for improvement. Use this checklist and the Quality Improvement Worksheets to guide your team in implementing a process for monitoring the use of urinary catheters.

_____ **This is an area we are working on.** Our target date for implementing a process for monitoring the use of urinary catheters is: _____. If needed, use the Quality Improvement Worksheets to guide your improvement process.

_____ **Yes.** Please continue to the questions below.

Does your facility's process for monitoring and regularly reevaluating the use of urinary catheters include these components?

	Yes	No	Person Responsible:	Comment:
1. Does your facility have policies and procedures in place to guide urinary catheterization monitoring practices?	G	G		
2. Does your facility have policies and procedures in place to guide documentation in the medical record of routine reevaluation of resident's continued need for or removal of urinary catheter?	G	G		
3. Is the resident monitored for: <ul style="list-style-type: none"> a. Quality, color and quantity of urine drainage each shift b. Timely discontinuance of the urinary catheter c. Maintenance of intact & sterile urinary drainage system d. Presence of catheter related complications (e.g. UTI, catheter dysfunction, and altered skin integrity) 	G G G G	G G G G		
4. Does your facility have a policy and procedure to guide in collection of urine specimen (when appropriate) from closed urinary catheter drainage systems?	G	G		
5. Do you have a QI committee that routinely audits for compliance to CDC standards for urinary catheterization care and management practices?	G	G		
6. Do you have QI tools that track: <ul style="list-style-type: none"> a. Factors contributing to the need for urinary catheterization b. Use in promoting reduction or elimination of factors contributing to the need for urinary catheterization c. The frequency of urinary catheterization and reasons for occurrence in clinical practice within your facility 	G G G	G G G		

Checklist: Monitoring the use of Urinary Catheters (cont).

	Yes	No	Person Responsible:	Comment:
7. Do you have a QI committee that routinely monitors and tracks urinary catheter related complications and infections?	G	G		
8. For residents who are catheterized and being treated for decubitus ulcers or urinary retention, does your facility have a process for monitoring the resolution of these conditions?	G	G		

If any of the above elements in your process for monitoring the use of urinary catheters are missing (answered “No” to any of the questions):

- Use Quality Improvement Worksheet A: Identifying Areas for Improvement to collect data to investigate further.
- Follow the Quality Improvement Worksheets to implement missing element(s) and monitor regularly to determine whether or not implementation is successful.

If none of the above elements are missing from your facility’s process (answered “Yes” to each question), you may either continue on to another checklist, or end here.

Checklist: Re-evaluating Urinary Catheterization

Does your facility have a process for reevaluating residents with urinary catheters?

_____ **No.** If no, this is an area for improvement. Use this checklist and the Quality Improvement Worksheets to guide your team in implementing a process for reevaluating continued need for urinary catheters.

_____ **This is an area we are working on.** Our target date for implementing a process for reevaluating continued need for urinary catheters is: _____. If needed, use the Quality Improvement Worksheets to guide your improvement process.

_____ **Yes.** Please continue to the questions below.

Does your facility’s process for reevaluating a resident’s continued need for urinary catheterization address all the areas below?

	Yes	No	Person Responsible:	Comment:
1. Does your facility have a policy and procedure defining when a comprehensive reevaluation of the resident’s continued need for urinary catheterization will be completed?	G	G		
2. Does your staff follow the policy and procedure for reevaluating continued need when the resident is complaining of catheter discomfort or bladder pain?	G	G		
3. Does the staff comply with accepted clinical practice guidelines (e.g. CDC) for evaluation of continued need for catheterization?	G	G		
4. Is the resident reevaluated for continued need to consider a change in the type of urinary catheter if necessary?	G	G		

If any of the above elements in your process for re-evaluating urinary catheterization are missing (answered “No” to any of the questions):

- Use Quality Improvement Worksheet A: Identifying Areas for Improvement to collect data to investigate further.
- Follow the Quality Improvement Worksheets to implement missing element(s) and monitor regularly to determine whether or not implementation is successful.

If none of the above elements are missing from your facility’s process (answered “Yes” to each question), you may either continue on to another checklist, or end here.

Checklist: Assessing Urinary Catheterization Management Policies

Does your facility have a urinary catheterization management policy?

_____ **No.** If no, this is an area for improvement. Use this checklist and current accepted clinical guidelines to create your facility's management policy.

_____ **This is an area we are working on.** Our target date for revising our management policy is: _____. If needed, use this checklist, current accepted clinical guidelines and the Quality Improvement Worksheets to guide your revision and implementation of your facility's urinary catheterization management policy.

_____ **Yes.** Please continue to the questions below.

Does your facility's urinary catheterization management policy include the following components?

	Yes	No	Person Responsible:	Comment:
1. Does your facility's policy include a statement regarding your facility's commitment to urinary catheter management and avoidance of prolonged catheterization?	G	G		
2. Does your facility's policy include screening, assessment and monitoring of: <ul style="list-style-type: none"> a. residents for the opportunity to implement alternative methods to treat or prevent urinary conditions, and; b. promote efforts to avoid urinary catheterization by evaluation of contributing factors? 	G G	G G		
3. Does your facility's policy include the goals of the urinary catheter assessment and management program such as: <ul style="list-style-type: none"> a. Prompt assessment, diagnosis and treatment of conditions predisposing residents to need for urinary catheterization? b. Specification of appropriate alternative interventions for both cognitively intact and cognitively impaired residents? c. Specification of appropriate alternative interventions for residents with impaired mobility? d. Monitoring, early detection and intervention for the treatment of complications related to urinary catheterization? e. Treatment of complications based on clinically accepted guidelines? f. Steps to be taken in order to monitor catheter function? 	G G G G G G	G G G G G G		

Checklist: Assessing Urinary Catheterization Management Policies (cont.)

	Yes	No	Person Responsible:	Comment:
g. Improving the resident's well-being by reducing potential for need of catheterization and related complications?	G	G		
4. Does your facility's policy address who, how and when urinary catheterization management effectiveness should be monitored and evaluated?	G	G		
5. Does your facility's policy address a protocol for ongoing monitoring of urinary catheter care and output?	G	G		
6. Does your facility's policy address a protocol for communication and reporting to the designated MDS personnel to ensure correct coding?	G	G		

If any of the above elements in your process for assessing urinary catheterization management policies are missing (answered "No" to any of the questions):

- Use Quality Improvement Worksheet A: Identifying Areas for Improvement to collect data to investigate further.
- Follow the Quality Improvement Worksheets to implement missing element(s) and monitor regularly to determine whether or not implementation is successful.

If none of the above elements are missing from your facility's process (answered "Yes" to each question), you may either continue on to another checklist, or end here.

Checklist: Assessing Staff Education and Training

Does your facility have an initial and ongoing education program on the evaluation and management of the resident requiring urinary catheterization for both nursing and non-nursing staff?

_____ **No.** If no, this is an area for improvement. Use this checklist and the Quality Improvement Worksheets to improve your processes related to staff education on the evaluation and management of catheters.

_____ **This is an area we are working on.** Our target date for implementing an education program on the evaluation and management of urinary catheters in residents is: _____. If needed, use this checklist, current accepted clinical guidelines and the Quality Improvement Worksheets to help guide your facility's education program.

_____ **Yes.** Please continue to the questions below.

Does your facility's education program for catheter evaluation and management include the following components?

	Yes	No	Person Responsible	Comments
1. Are all new staff oriented in screening for urinary catheterization, catheter evaluation and management?	G	G		
2. Are current staff provided with ongoing education on the basic standards for urinary catheter care and management?	G	G		
3. Does the clinical educator provide discipline-specific education for ongoing prevention and treatment of conditions predisposing residents to potential need for catheterization (e.g. persistent neurological urinary retention)?	G	G		
4. Is there a designated clinical expert or educator available at the facility to answer questions from all staff about the evaluation and management of residents' urinary problem?	G	G		
5. Is there a designated clinical expert/educator available to present and encourage implementation of alternative interventions for urinary management?	G	G		
6. Does the education take into consideration the resident's or resident's family preference for choice of intervention for urinary management?	G	G		
7. Is the education provided at the appropriate level for the learner (i.e. CNA vs. RN)?	G	G		
8. Does the education include staff training on documenting outcomes in the medical record related to catheterization, re-catheterization or preventive and alternative measures of intervention?	G	G		
9. Does your facility's education program include education on evaluation and management of catheterized residents specific to each type of urinary catheter?	G	G		

Checklist: Assessing Staff Education and Training (cont.)

	Yes	No	Person Responsible	Comments
10. Does your facility's education program include adequate education of the resident's family on urinary management, indwelling catheter placement, and alternative interventions?	G	G		

If any of the above elements in your process for assessing staff education and training are missing (answered "No" to any of the questions):

- Use Quality Improvement Worksheet A: Identifying Areas for Improvement to collect data to investigate further.
- Follow the Quality Improvement Worksheets to implement missing element(s) and monitor regularly to determine whether or not implementation is successful.

If none of the above elements are missing from your facility's process (answered "Yes" to each question), you may either continue on to another checklist, or end here.