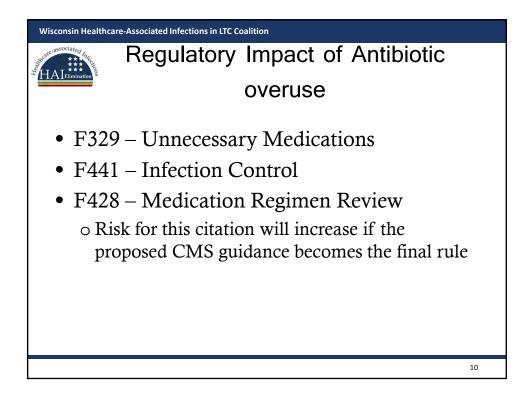
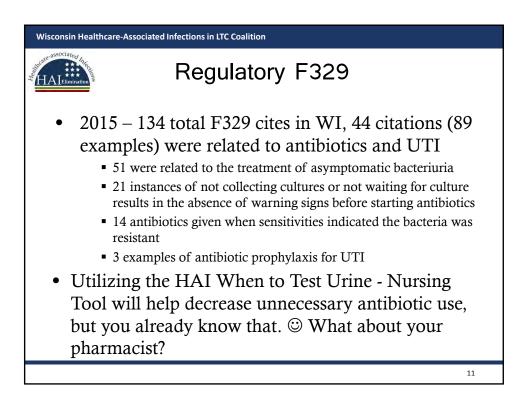


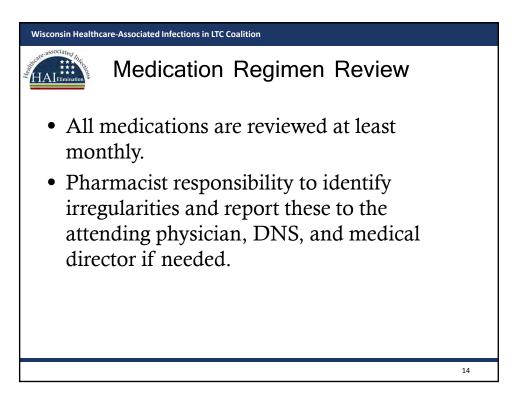
| So w | hen should we | test urine? |
|---|--|--|
| HAIM | When to Test Urine – Nursi | ng Tool |
| Wisconsin Healthcare-Associat | ed Infections in LTC Coalition | |
| Resident Change in Condition | | Box A Nursing Assessment ^{3,2} Complete Nursing Assessment See Nursing Assessment on reverse side of th tool |
| Complete Nursing Assessment (Box A) Localizing Urinary \$/5 (Box B) Yes | → Warning Signs Present (Box D) Yes → Consult Pro See Scrip No → Consult Pro See Scrip | t 1 Costalvertebral angle pain New scrotal / prostate pain vider Urethral purulence |
| Non-localizing 5/5 – Nonspecific Geriatric 5/5 (Box C) No | Warning Signs Present (Box D) Yes → Consult Pro See Serip | Non-localizing / Non-Specific Geriatric S/S ^{15,6} Behavior Changes Ference alonge |
| Consult Provider See Script 4 Observe / Monitor 24-48 hours | Worse Consult Pro | ovider bt 5 Box D Warning Signs ⁶ • Fever |
| Improved No Urine Testing Necessary | No Change No Change Protoco | ector Psychomotor Retardation Psychomotor Retardation Psychomotor Retardation Psychomotor Retardation Psychomotor Retardation Psychomotor Retardation Psychomotor Retardation Psychomotor Retardation |
| See Script 7 | FIOLOCO | o Tachycardia |

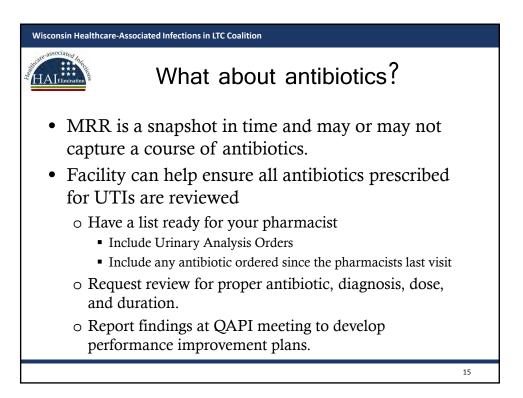


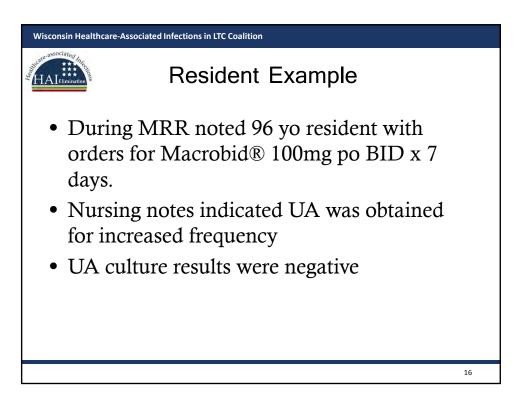


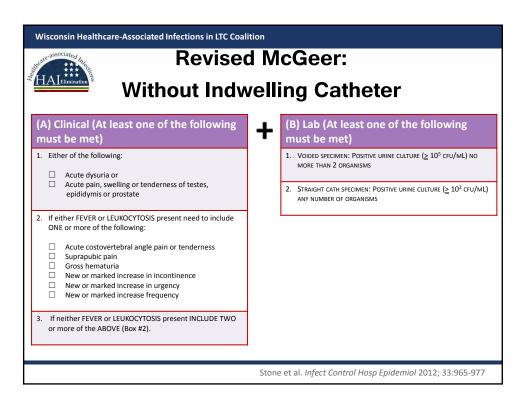




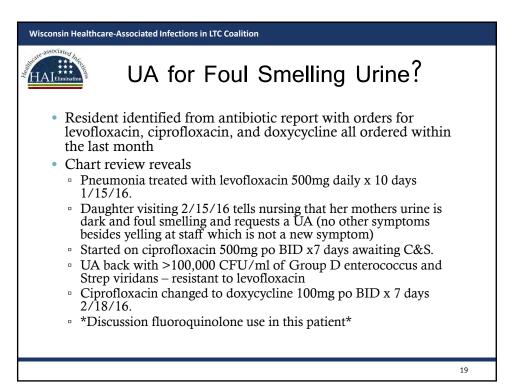


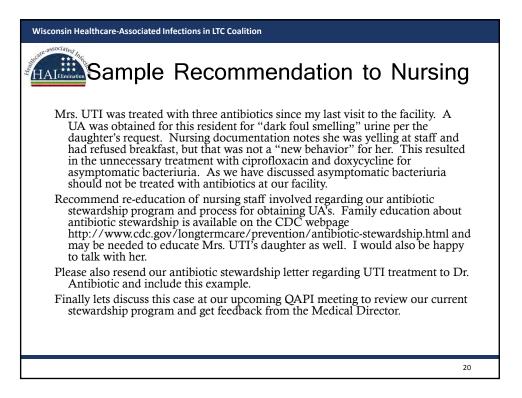


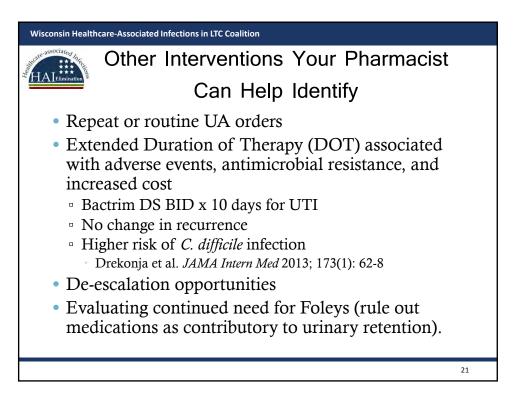


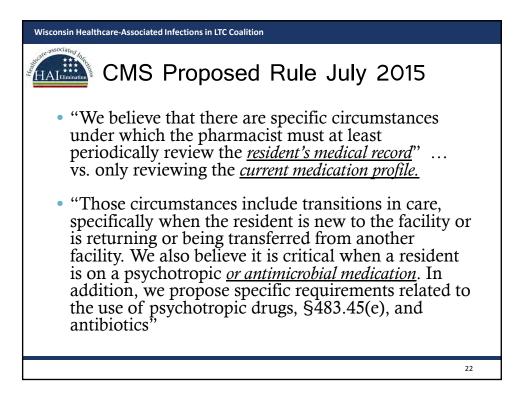


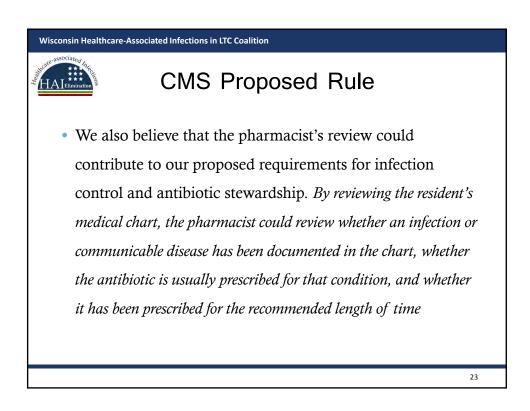
| Wisconsin Healthcare-Associated Infections in LTC | Coalition |
|--|--|
| | t with recent orders for Macrobid(nitrofurantoin) 100mg A was obtained for frequency that was not a new |
| symptom. Culture results were negative | with <1,000 CFU/ml |
| tract infection or other focal infection. P stewardship guidelines this would be con suggests UTI should be diagnosed when | ns or warning signs that would indicate an active urinary er current literature and our facilities antibiotic isidered an unnecessary antibiotic. McGeers Criteria there are localizing genitourinary signs and symptoms ymptomatic bacteriuria in LTC is not recommended. |
| Localizing Urinary S/Sx | Warning Signs |
| Acute dysuria New or worsening frequency/Urgency Gross hematuria Suprapubic pain Costalvertevral angle pain New scrotal/prostate pain | Fever Clear Cut Delirium/Altered LOC Psychomoter Retardation Rigors (shaking chills) Hemodynamic Instability Hypotension Tachycardia |
| ***AVOID ordering UA with N | Non-localizing/Non Specific S/Sx*** |
| Behavior Changes Functional Decline Falls "Not Being Her-Himself" | Fever Alone Mental Status Change Fatigue |
| RECOMMENDATION: Discontinue Ma | acrobid(nitrofurantoin). |
| References: | |
| McGeers Criteria available at http://www.js | tor.org/stable/10.1086/667743 |
| | |
| | |

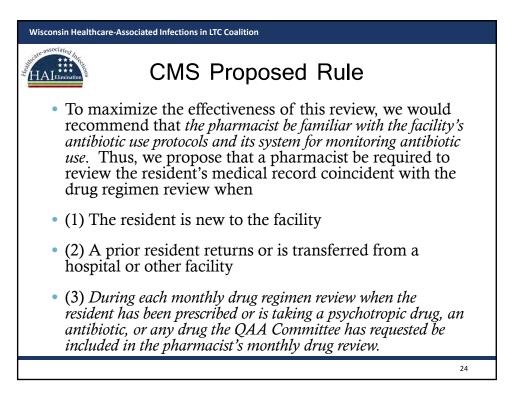


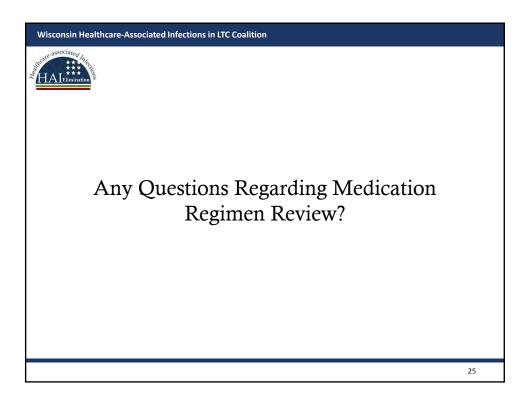


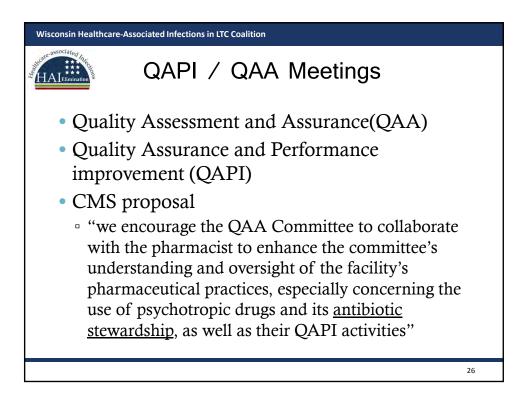


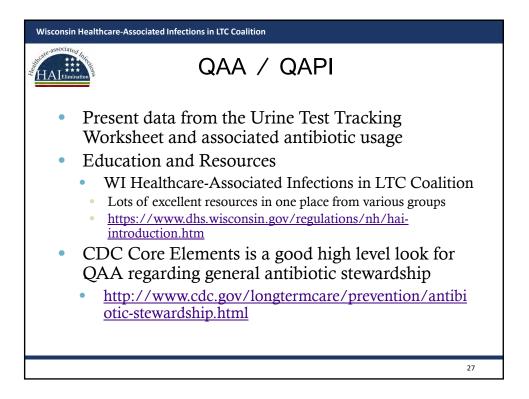




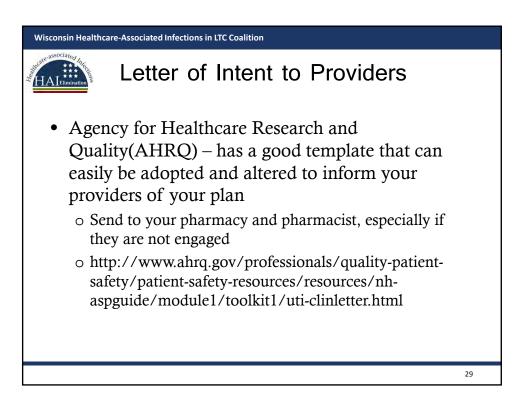


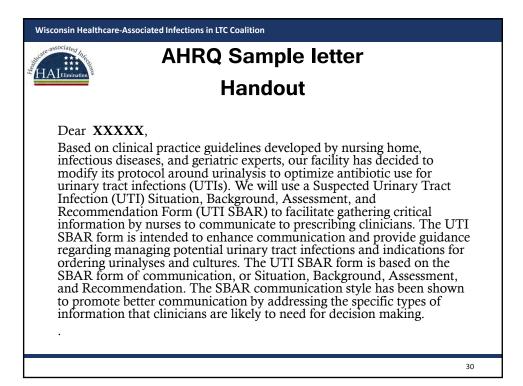


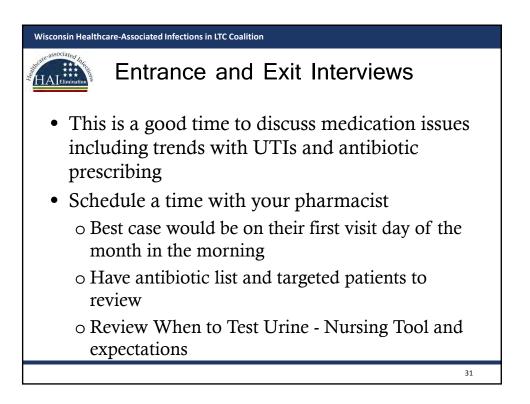


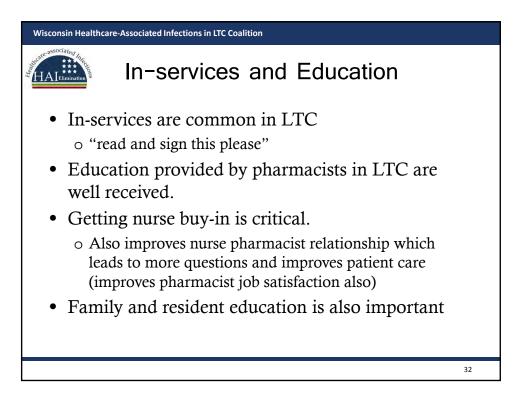


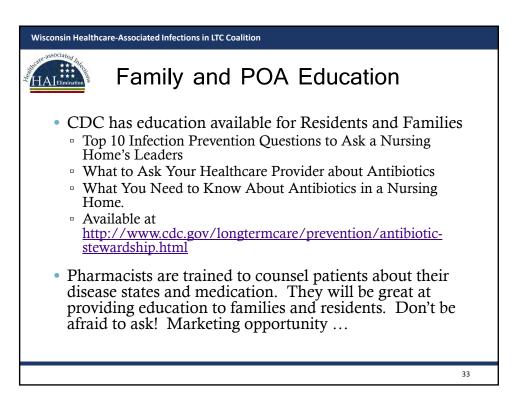
| Wisconsin Healthcare-Associated Infections in LTC Coalition | |
|---|--|
| HAIElimination | Medical Director |
| pharma • Grea and • Set g • Americ | le a collaborative meeting with the medical director, acist, and nurse management. at time to present the HAI When to Test Urine - Nursing Tool get feedback. goals and request participation an medical directors association(AMDA) guidelines cal guidelines available at: |
| <u>http:/</u> https: | //www.amda.com/tools/guidelines.cfm //www.amda.com/tools/clinical/Antibiotic%20Use%20and% sistance%20in%20Long%20Term%20Care%20Facilities.pdf |
| tools fo | leaders conducting 3 year trial investigating ASP and r treating UTI in LTC. <u>c://www.amda.com/news/releases/2015/pr 063015 amda member to 1</u> national antibiotic reduction trial.pdf |
| | 28 |

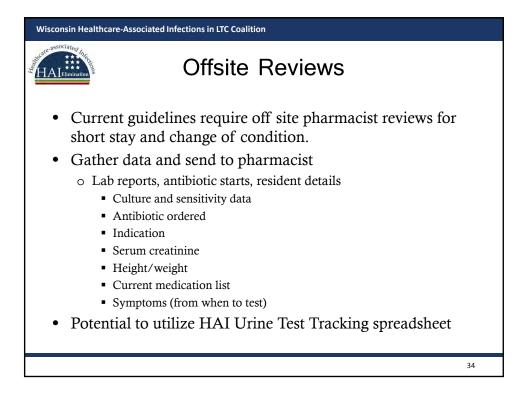


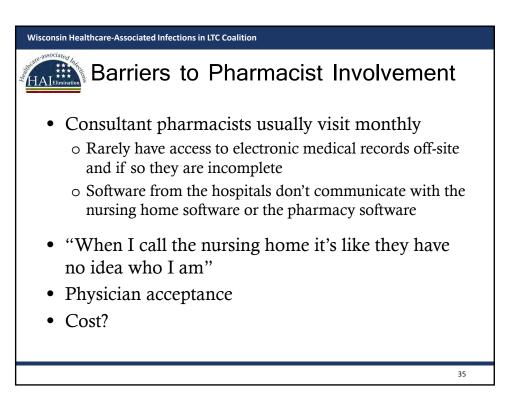












| Wisconsin Healthcare-Associated Infections in LTC Coalition | | |
|--|--|--|
| Pharmacist Return on Investment | | |
| • Estimated ROI of \$1.29 per \$1 in MTM administrative | | |
| costs. | | |
| 93% of respondents agreed or strongly agreed that their overall health and well-being had improved because of the pharmacist involvement. | | |
| Ramalho de Oliviera D, Brummel AR, Miller DB. Medication therapy management: 10 years of experience in a large integrated health care system. J Manag Care Pharm. 2010 Apr;16(3):185-95. | | |
| • Savings were more than 2.5 times the cost of the fees for pharmacists and network administration. | | |
| Pharmacist identified 917 drug therapy problems in only 88 patients in less than a year during this CMS project. | | |
| Smith M, Giuliano MR, Starkowski MP. In Connecticut: improving patient medication management in primary care. Health Aff (Millwood). 2011 Apr;30(4):646-54. www.ncbi.nlm.nih.gov/pubmed/21471485 | | |
| 36 | | |

