Appendix Table F23. USPSTF study quality ratings

| Study | **MRSA Strategy** | **Assembled CG** | **Maintained CG** | **Minimal follow up loss** | **Measurements equal, valid & reliable** | **Interventions clearly defined** | **Important outcomes considered** | **Appropriate analysis of results** | **Funding**  **Acknowledged** | **Overall USPSTF rating** | **Separate control group** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Blumberg, et al., 199417 | Screening of ICU Risk Pts Vs No Screening | Y | Y | U | Y | Y | N | N | Y | Poor | N |
| Bowler et al., 201018 | Screening of High Risk Pts Vs No Screening | U | U | U | Y | Y | Y | N | Y | Poor | N |
| Boyce et al., 200419 | Screening of ICU Risk Pts Vs No Screening | Y | Y | U | Y | Y | Y | N | N | Poor | N |
| Chaberny et al., 20081 | Expanded Vs Limited Screening | U | U | U | Y | Y | Y | N | Y | Poor | Y |
| Chen et al., 201220 | Screening surgical patients vs no screening | Y | U | U | Y | Y | Y | N | N | Poor | Y |
| Chowers et al., 20092 | Screening of High Risk Pts Vs No Screening | U | U | U | Y | N | Y | N | N | Poor | N |
| Clancy et al., 200621 | Screening of ICU Risk Pts Vs No Screening | Y | N | U | Y | Y | Y | N | Y | Poor | N |
| de la Cal et al., 200422 | Screening of ICU Risk Pts Vs No Screening | Y | Y | U | Y | Y | Y | N | Y | Poor | N |
| Ellingson et al., 20113 | Screening of High Risk Pts Vs No Screening | U | U | U | U | Y | N | N | N | Poor | N |
| Enoch et al., 201123 | Expanded targeted screening vs limited targeted screening | U | U | U | Y | Y | N | U | Y | Poor | N |
| Eveillard et al., 200624 | Expanded Vs Limited Screening | U | U | U | Y | Y | Y | N | N | Poor | N |
| Girou et al., 200025 | Expanded Vs Limited Screening | U | U | U | Y | Y | Y | N | N | Poor | N |
| Gould et al., 20074 | Screening of ICU Risk Pts Vs No Screening | Y | U | U | Y | Y | U | Y | Y | Fair | N |
| Harbarth et al., 20006 | Screening of High Risk Pts Vs No Screening | U | U | U | N | N | Y | N | Y | Poor | N |
| Harbarth et al., 20085 | Screening of Surgical Pts Vs No Screening | Y | Y | U | Y | Y | Y | Y | Y | Good | Y |
| Holzmann-Pazgal et al., 20117 | Screening of ICU Risk Pts Vs No Screening | N | U | U | U | Y | Y | N | N | Poor | N |
| Huang et al., 20068 | Screening of ICU Risk Pts Vs No Screening | U | U | U | Y | Y | U | N | Y | Poor | N |
| Huskins et al., 20119 | Screening of ICU Risk Pts Vs No Screening | Y | Y | U | Y | Y | Y | Y | Y | Good | Y |
| Jain et al., 201110 | Universal Vs No Screening | U | U | U | N | Y | Y | N | Y | Poor | N |
| Jog et al., 200826 | Screening of Surgical Pts Vs No Screening | Y | Y | U | Y | Y | Y | N | Y | Poor | N |
| Kelly et al., 2012,27 | Screening of surgical patients vs no screening | U | U | U | Y | Y | U | N | N | Poor | N |
| Keshtgar et al., 200828 | Screening of High Risk Pts Vs No Screening | U | U | U | Y | Y | Y | N | Y | Poor | N |
| Kim et al., 201029 | Screening of Surgical Pts Vs No Screening | Y | Y | U | Y | Y | Y | N | Y | Poor | N |
| Kurup et al., 2010,30 | Screening of ICU Risk Pts Vs No Screening | Y | Y | U | Y | Y | Y | N | Y | Poor | N |
| Leonhardt et al., 201111 | Universal Vs Screening of Selected Pts | Y | U | U | U | Y | Y | Y | Y | Good | Y |
| Lipke et al., 201031 | Screening of Surgical Pts Vs No Screening | Y | Y | U | U | Y | Y | N | N | Poor | N |
| Malde et al., 200632 | Screening of Surgical Pts Vs No Screening | Y | Y | U | Y | Y | Y | N | Y | Poor | N |
| Muder et al., 200812 | Screening of Surgical Pts Vs No Screening | U | U | U | Y | Y | N | N | N | Poor | N |
| Muder et al., 200812 | Screening of ICU patients vs no screening | U | U | U | Y | Y | Y | N | N | Poor | N |
| Nixon et al., 200633 | Screening of Surgical Pts Vs No Screening | Y | Y | Y | Y | Y | Y | N | N | Poor | N |
| Pan et al., 200534 | Screening of High Risk Pts Vs No Screening | U | U | U | Y | Y | Y | N | N | Poor | N |
| Pofahl et al., 200935 | Screening of Surgical Pts Vs No Screening | Y | Y | U | Y | Y | Y | N | N | Poor | N |
| Raineri et al., 200713 | Screening of ICU Risk Pts Vs No Screening | N | N | U | U | Y | U | N | Y | Poor | N |
| Reilly et al., 201214 | Universal screening vs no screening | U | U | U | U | U | U | U | Y | Poor | N |
| Robicsek et al., 200815 | Universal Vs No Screening | Y | U | Y | Y | Y | Y | Y | Y | Good | N |
| Robicsek et al., 200815 | Universal Vs Screening of Selected Pts | Y | U | Y | Y | Y | Y | Y | Y | Good | Y |
| Robicsek et al., 200815 | Screening of ICU Risk Pts Vs No Screening | Y | U | Y | Y | Y | Y | Y | Y | Good | N |
| Rodriguez-Bano et al., 201016 | Screening of High Risk Pts Vs No Screening | N | U | U | Y | Y | N | Y | Y | Fair | N |
| Rodriguez-Bano et al., 201016 | Expanded Vs Limited Screening | N | U | U | Y | Y | N | Y | Y | Fair | N |
| Salaripour et al., 200636 | Screening of High Risk Pts Vs No Screening | U | U | U | Y | Y | Y | N | N | Poor | N |
| Sankar et al., 200537 | Screening of Surgical Pts Vs No Screening | Y | Y | U | U | Y | Y | N | N | Poor | N |
| Schelenz et al., 200538 | Expanded Vs Limited Screening | U | U | U | Y | Y | Y | N | N | Poor | N |
| Simmons et al., 201139 | Screening of ICU Risk Pts Vs No Screening | Y | Y | U | Y | Y | N | N | N | Poor | N |
| Sott et al., 200140 | Screening of Surgical Pts Vs No Screening | Y | Y | U | U | Y | Y | N | N | Poor | N |
| Souweine et al., 200041 | Screening of ICU Risk Pts Vs No Screening | Y | Y | U | Y | Y | Y | N | Y | Poor | N |
| Supriya et al., 200942 | Screening of Surgical Pts Vs No Screening | Y | Y | U | U | Y | N | N | Y | Poor | N |
| Thomas et al., 200743 | Screening of Surgical Pts Vs No Screening | Y | Y | U | U | Y | Y | N | Y | Poor | N |
| Thompson et al., 200944 | Expanded Vs Limited Screening | U | U | U | Y | Y | Y | N | Y | Poor | N |
| Trautmann et al., 200745 | Expanded Vs Limited Screening | U | U | U | Y | Y | Y | N | N | Poor | N |
| Walsh et al., 201146 | Screening of Surgical Pts Vs No Screening | Y | Y | U | Y | Y | Y | N | N | Poor | N |
| Wernitz et al., 200547 | Screening of High Risk Pts Vs No Screening | Y | Y | U | Y | Y | Y | N | N | Poor | N |
| West et al., 200648 | Expanded Vs Limited Screening | U | U | U | Y | Y | Y | N | N | Poor | N |

CG: comparable groups; ICU: Intensive Care Unit; N:No; U: Unknown; USPSTF: United States Preventive Services Task Force; Y: Yes