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