

University Health System

Assessment Tool to determine risk of NSAID-induced GI toxicity

This completed sheet must accompany all requests for prior authorization from CareLink to prescribe celecoxib
(Call authorization line at 358-3224 and FAX completed sheet to 358-3274)

Requesting physician will be contacted to sign voucher for indigent reimbursement program

Patient's name _____

Date of birth _____

Medical Record Number _____

Physicians name _____

Service _____

Pager _____

Risk factors for NSAID-induced upper GI bleed include:

Age ³ 65 years

History of PUD or UGI bleeding

Concomitant oral glucocorticoids

Concomitant anticoagulants

Smoking

Alcohol consumption

| Ask the patient the following six questions and assign points for the answers | POINTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------|----------------------|---------------|---------------|---------------|------|---|-------|---|-----------|----|-------|---|-------|---|-------|----|-------|---|-------|---|-------|----|-------|---|-------|----|-------|----|-------|---|-------|----|------|----|--|
| <p>● How old are you?</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Age</u></th> <th style="text-align: left;"><u>Points</u></th> <th style="text-align: left;"><u>Age</u></th> <th style="text-align: left;"><u>Points</u></th> <th style="text-align: left;"><u>Age</u></th> <th style="text-align: left;"><u>Points</u></th> </tr> </thead> <tbody> <tr> <td><20</td> <td>0</td> <td>41-45</td> <td>6</td> <td>66-70</td> <td>13</td> </tr> <tr> <td>21-25</td> <td>1</td> <td>46-50</td> <td>8</td> <td>71-75</td> <td>14</td> </tr> <tr> <td>26-30</td> <td>3</td> <td>51-55</td> <td>9</td> <td>76-80</td> <td>16</td> </tr> <tr> <td>31-35</td> <td>4</td> <td>56-60</td> <td>10</td> <td>81-85</td> <td>17</td> </tr> <tr> <td>36-40</td> <td>5</td> <td>61-65</td> <td>12</td> <td>> 85</td> <td>18</td> </tr> </tbody> </table> | <u>Age</u> | <u>Points</u> | <u>Age</u> | <u>Points</u> | <u>Age</u> | <u>Points</u> | <20 | 0 | 41-45 | 6 | 66-70 | 13 | 21-25 | 1 | 46-50 | 8 | 71-75 | 14 | 26-30 | 3 | 51-55 | 9 | 76-80 | 16 | 31-35 | 4 | 56-60 | 10 | 81-85 | 17 | 36-40 | 5 | 61-65 | 12 | > 85 | 18 | |
| <u>Age</u> | <u>Points</u> | <u>Age</u> | <u>Points</u> | <u>Age</u> | <u>Points</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <20 | 0 | 41-45 | 6 | 66-70 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21-25 | 1 | 46-50 | 8 | 71-75 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26-30 | 3 | 51-55 | 9 | 76-80 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31-35 | 4 | 56-60 | 10 | 81-85 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36-40 | 5 | 61-65 | 12 | > 85 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>● How do you rate your current health status on the following scale?</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Health Status</u></th> <th style="text-align: left;"><u>Points</u></th> <th style="text-align: left;"><u>Health Status</u></th> <th style="text-align: left;"><u>Points</u></th> </tr> </thead> <tbody> <tr> <td>Very Well</td> <td>0</td> <td>Poor</td> <td>3</td> </tr> <tr> <td>Well</td> <td>1</td> <td>Very Poor</td> <td>4</td> </tr> <tr> <td>Fair</td> <td>2</td> <td></td> <td></td> </tr> </tbody> </table> | <u>Health Status</u> | <u>Points</u> | <u>Health Status</u> | <u>Points</u> | Very Well | 0 | Poor | 3 | Well | 1 | Very Poor | 4 | Fair | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Health Status</u> | <u>Points</u> | <u>Health Status</u> | <u>Points</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Very Well | 0 | Poor | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Well | 1 | Very Poor | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fair | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>● Has a physician ever told you that you have rheumatoid arthritis (not osteoarthritis)?</p> <p>Yes 8 points No 0 points</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>● If you are taking prednisone or other corticosteroids, for how many months have you taken them in the past year?</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Months</u></th> <th style="text-align: left;"><u>Points</u></th> <th style="text-align: left;"><u>Months</u></th> <th style="text-align: left;"><u>Points</u></th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>7-10</td> <td>4</td> </tr> <tr> <td>1-3</td> <td>1</td> <td>11-12</td> <td>5</td> </tr> <tr> <td>4-6</td> <td>3</td> <td></td> <td></td> </tr> </tbody> </table> | <u>Months</u> | <u>Points</u> | <u>Months</u> | <u>Points</u> | 0 | 0 | 7-10 | 4 | 1-3 | 1 | 11-12 | 5 | 4-6 | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Months</u> | <u>Points</u> | <u>Months</u> | <u>Points</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | 7-10 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-3 | 1 | 11-12 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4-6 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>● Have you ever been hospitalized for a stomach or intestinal problem such as bleeding or an ulcer?</p> <p>Yes 8 points No 0 points</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>● Have you ever had gastrointestinal side effects (heartburn, stomach pain, nausea, vomiting) while taking NSAID pain-relievers?</p> <p>Yes 2 points No 0 points</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total points | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Evaluation of patient's risk for an NSAID-induced bleed:

Level 1 (0-10 points) No risk. May use NSAID

Level 2 (11-15 points) Moderate risk. May use NSAID

Level 3 (16-20 points) Significant risk. If NSAID therapy expected to be < 30 days, use standard NSAID. If > 30 days of chronic therapy, Initiate COX-1 sparing therapy.

Level 4 (>20 points) Substantial risk Recommended to initiate COX-1 sparing therapy

This tool was adapted from one developed by Gurkirpal Singh, MD, director of the Arthritis Rheumatism and Aging Medical Information System Post-marketing Surveillance (ARAMIS PMR) at Stanford University. ARAMIS is a project of the National Institute of Health. More information about this tool may be found at [Stanford University's web site](#).