

**SUPPLEMENTARY 1:**

Excluded studies from the the workstream 1 literature search strategy, with rationale.

	Authors, year	Reason for exclusion
1.	Alikhan et al., 2004 <sup>1</sup>	Derivation only
2.	Alper et al., 2018 <sup>2</sup>	Not a RAM for predicting the risk of developing VTE in hospital inpatients
3.	Arcelus et al., 1991 <sup>3</sup>	No relevant/useable outcome data
4.	Arpaia et al., 2020 <sup>4</sup>	Not a RAM for predicting the risk of developing VTE in hospital inpatients
5.	Bagot et al., 2010 <sup>5</sup>	No relevant/useable outcome data
6.	Bellizzi et al., 2018 <sup>6</sup>	No relevant/useable outcome data
7.	Blondon et al., 2020 <sup>7</sup>	Duplicate of included study (Blondon et al., 2019a)
8.	Blondon et al., 2017 <sup>8</sup>	Abstract of an included full-text study
9.	Caprini et al., 2001 <sup>9</sup>	Review
10.	Chen et al., 2018 <sup>10</sup>	Not available (foreign language)
11.	Chopard et al., 2006 <sup>11</sup>	No relevant/useable outcome data
12.	Coelho et al., 2020 <sup>12</sup>	Not a RAM for predicting the risk of developing VTE in hospital inpatients
13.	Dang et al., 2019 <sup>13</sup>	Derivation only
14.	Davis and Intagliata, 2018 <sup>14</sup>	No relevant/useable outcome data
15.	Depietri et al., 2018 <sup>15</sup>	No relevant/useable outcome data
16.	Ellis et al., 2019 <sup>16</sup>	No relevant/useable outcome data
17.	Fadoi Foundation, 2020 <sup>17</sup>	Trial protocol (no results)
18.	Ferreira et al., 2018 <sup>18</sup>	No relevant/useable outcome data
19.	Ferreira et al., 2017 <sup>19</sup>	No relevant/useable outcome data
20.	Fritz et al., 2021 <sup>20</sup>	No relevant/useable outcome data
21.	Gibson et al., 2017 <sup>21</sup>	RAM involves diagnostic testing
22.	Girardi et al., 2018 <sup>22</sup>	Not a RAM for predicting the risk of developing VTE in hospital inpatients
23.	Grzelak et al., 2019 <sup>23</sup>	Not a RAM for predicting the risk of developing VTE in hospital inpatients
24.	Hostler et al., 2016 <sup>24</sup>	No relevant/useable outcome data
25.	Hu, 2018 <sup>25</sup>	No relevant/useable outcome data
26.	Koren et al., 2017 <sup>26</sup>	Not a RAM for predicting the risk of developing VTE in hospital inpatients
27.	Kucher et al., 2005 <sup>27</sup>	No relevant/useable outcome data
28.	Lecumberri et al., 2008 <sup>28</sup>	No relevant/useable outcome data
29.	Luo and Zhang, 2017 <sup>29</sup>	Not available (foreign language)

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30.	Maynard et al., 2010 <sup>30</sup>	No relevant/useable outcome data
31.	McCaffrey et al., 2007 <sup>31</sup>	No relevant/useable outcome data
32.	Meizoso et al., 2017 <sup>32</sup>	Derivation only
33.	Monti et al., 2019 <sup>33</sup>	Abstract of included full text paper
34.	Mull et al., 2017 <sup>34</sup>	Review
35.	Nafee et al., 2018 <sup>35</sup>	Abstract of included full text paper
36.	Nnadi et al., 2017 <sup>36</sup>	No relevant/useable outcome data
37.	Obi et al., 2015 <sup>37</sup>	Critical care patients
38.	Pannucci et al., 2017 <sup>38</sup>	Review
39.	Rafizadeh et al., 2016 <sup>39</sup>	No relevant/useable outcome data
40.	Rastogi et al., 2020 <sup>40</sup>	No relevant/useable outcome data
41.	Razak et al., 2019 <sup>41</sup>	Not a RAM for predicting the risk of developing VTE in hospital inpatients
42.	Robert-Ebadi et al., 2017 <sup>42</sup>	Not a RAM for predicting the risk of developing VTE in hospital inpatients
43.	Salim et al., 2018 <sup>43</sup>	No relevant/useable outcome data
44.	Samama et al., 2006 <sup>44</sup>	Expert opinion
45.	Shrotriya et al., 2018 <sup>45</sup>	Not a RAM for predicting the risk of developing VTE in hospital inpatients
46.	Smilg Nicolas et al., 2018 <sup>46</sup>	No relevant/useable outcome data
47.	Spirk et al., 2017 <sup>47</sup>	No relevant/useable outcome data
48.	Spyropoulos et al., 2020 <sup>48</sup>	RAM involves diagnostic testing
49.	Spyropoulos et al., 2011 <sup>49</sup>	Derivation only
50.	Stuck et al., 2017 <sup>50</sup>	Review
51.	Tadesse et al., 2020 <sup>51</sup>	No relevant/useable outcome data
52.	Taha et al., 2020 <sup>52</sup>	No relevant/useable outcome data
53.	Tung et al., 2020 <sup>53</sup>	No relevant/useable outcome data
54.	Veith et al., 2019 <sup>54</sup>	No relevant/useable outcome data
55.	Winoker et al., 2017 <sup>55</sup>	Abstract of an included full-text study
56.	Yale et al., 2005 <sup>56</sup>	Derivation only
57.	Ye et al., 2017 <sup>57</sup>	Review
58.	Zakai et al., 2013 <sup>58</sup>	Derivation only
59.	Zambelli et al., 2020 <sup>59</sup>	Not a RAM for predicting the risk of developing VTE in hospital inpatients
60.	Zhou et al., 2012 <sup>60</sup>	Not a RAM for predicting the risk of developing VTE in hospital inpatients

## Supplementary material

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Supplementary material