**Supplemental Table 1.** Literature Review Search Terms

| **Column A** | **Column B** | **Column C** | **Column D** |
| --- | --- | --- | --- |
| blast expos\* | return\*-to-duty | program | athlet\* |
| blast injur\* | return\* to duty | therap\* | sport\* |
| brain injur\* | return\*-to-play | treatment | player |
| concussi\* | return\* to play | protocol | law enforcement |
| head injur\* | return\*-to-work | transition | first responder\* |
| mild traumatic brain injur\* | return\* to work | rehabilitation | fire fight\* |
| mTBI | fit\* for full duty | cognitive\* therap\* | police officer\* |
| neurologic\* injur\* | limited duty | cognitive\* neurorehab\* | bomb squad |
| brain trauma | profile | cognitive\* rehab\* | explosive\* team |
| head trauma | medical evaluation board | cognitive\* remediat\* | munitions disposal |
| post-concussi\* syndrome | physical evaluation board | cognitive\* train\* | military |
| traumatic brain injur\* | worldwide deployable | behavioral therap\* | service member |
|  | disposition |  | veteran |
|  | vocation\* |  | soldier |
|  | occupation\* |  | warrior |
|  | duty restriction\* |  | warfighter |
|  | graded approach\* |  | pilot |
|  | graded activit\* |  | driver |

**\* =** multiple character wildcard search

Broad terms for identifying the general universe of articles on patients presenting with mTBI or concussion (Column A) were refined and narrowed to target articles specific to return to duty/return to play (Column B). Column C narrowed the scope further to include terms that described treatment or therapy modalities. Lastly, Column D narrowed the scope further to include terms used to describe specific occupations, if needed. The search included PubMed and Google Scholar, using select search terms and search arrays. Search arrays were constructed by combining terms from within and between Columns A, B, C and D.