### Risk & Vulnerability-based Interdiction Responses to SARS-CoV-2 (RaVIRS)

Stratified sets of personal and public policy interdiction policies and practices for coronavirus (SARS-CoV-2) predicated on levels of vulnerability to severe infection and risk for death from infection.

<table>
<thead>
<tr>
<th>Risk Tier*</th>
<th>Public Policies*</th>
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| **High Risk:**  
- >= age 75  
- Treated heart disease, diabetes- any age  
- Medically treated or induced immunocompromise, any age  
- Chronic lung disease, any age  
- Other  |  
- Restricted from worksites/schools  
- Restricted from social gatherings  
- Routine, mobile testing  
- Digital health monitoring  
- Home service support (food delivery, other)  
- Home care as needed  
- Institutional shelter (e.g., idled hotel space) as needed  
- Early anti-viral treatment as needed |
| **Service Providers to High Risk:**  
- Health professionals  
- First responders  
- Home service  |  
- Routine testing, clearance/approval  
- Personal protective equipment |
| **Intermediate Risk:**  
- Age 60-74  
- Well controlled medical condition  
- Mild/moderate asthma  |  
- Work, social gathering precautions/warnings  
- Restricted from interaction with High Risk individuals |
| **Low/Average Risk:**  
- <age 60  
- Good health  |  
- Restricted from interaction with High Risk individuals |

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**Risk categories to be defined, updated, promulgated to public by suitable authorities- e.g., CDC, NIH, WHO, etc. Similarly, recommended practices and policies for interdiction/risk minimization to be updated and disseminated routinely by the same authorities based on most current data.**