Data on Characteristics of tele-ICU

1. General Information on Virtual ICU
   1.1. How long has the virtual ICU existed?
   1.2. How many ICUs are currently connected to the virtual ICU?
   1.3. How many hospitals are currently connected to the virtual ICU?
   1.4. How many beds are currently being monitored by the virtual ICU?
   1.5. For each ICU that you monitor, fill out one questionnaire (see attached).

2. Information on nurses in virtual ICU
   2.1. How many nurses currently work in the virtual ICU?
   2.2. Do any virtual ICU nurses also work at the bedside in the ICUs monitored by the virtual ICU? If yes, how many?
   2.3. Please provide the following information on nurses’ schedules
       2.3.1. Length of each shift
       2.3.2. Start and end time of each shift
       2.3.3. Number of nurses per shift
   2.4. Nurses’ experiences in ICU (average number of years of ICU experience)
   2.5. Nurses’ tenure with virtual ICU (average and range; in years)
   2.6. How much turnover is there among the nurses in the virtual ICU?
   2.7. How many beds does a nurse monitor?
   2.8. How many ICUs does a nurse monitor?

3. Information on physicians in virtual ICU
   3.1. How many physicians currently work in the virtual ICU?
   3.2. How many virtual ICU physicians hold active sub-specialty certification in Critical Care Medicine from the American Board of Internal Medicine, the American Board of Surgery or the American Board of Anesthesiology?
   3.3. How many virtual ICU physicians also work at the bedside in the ICUs being supported by the virtual ICU?
   3.4. Please provide the following information on physicians’ schedules
       3.4.1. Length of each shift
       3.4.2. Start and end times of each shift
       3.4.3. Number of physicians per shift
   3.5. Physicians’ experiences in ICU (average number of years of ICU experience)
Data on Characteristics of tele-ICU

3.6. Physicians’ tenure with virtual ICU (average and range; in years)
3.7. How much turnover is there among physicians in the virtual ICU?
3.8. How many beds does a physician monitor?
3.9. How many ICUs does a physician monitor?

4. Information on other staff in the virtual ICU
   4.1. Are there any other staff working in the virtual ICU (e.g., pharmacist, technician)?
   4.2. What are the schedules of these health care providers?
Data on Characteristics of tele-ICU

ICU 1

1. Name of hospital
2. Name of ICU
3. Location of ICU (Northeast, Southeast, Midwest, West)
4. Type of ICU (open/closed)
5. Type of ICU (medical, surgical, neuro, cardiac, etc.)
6. Number of beds in ICU
7. When was the ICU connected to the virtual ICU?
8. Academic classification of ICU (non-teaching, teaching, tertiary referral hospital, major academic medical center-university affiliated)
9. Description of EHR system used at ICU
10. Level of responsibility provided to ICU (please refer to the table 1)

TABLE 1: ICU Category of Care Responsibilities

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<td>2</td>
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<td>3</td>
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*table from Breslow et al 2007
Data on Characteristics of tele-ICU

ICU 2

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2. Name of ICU
3. Location of ICU (Northeast, Southeast, Midwest, West)
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5. Type of ICU (medical, surgical, neuro, cardiac, etc.)
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