# ISARIC_Logo_White_PMS1925_702x350.jpegISARIC/WHO Clinical Characterisation Protocol for Severe Emerging Infections

**SAMPLING SCHEDULE Adult & Child >40kg**

**General**

* **Great care must be exercised to ensure the safety of staff and others when dealing with novel respiratory pathogens where little is known about transmissibility and/or virulence. Strict adherence to sample collection, handling and biosafety protocols is essential.**
* **Well-established protocols can be used to collect samples from patents with suspected or confirmed pathogens of interest (currently novel coronavirus MERS-CoV, influenza A/H7N9 & A/H5N1 and ebolavirus).**
* **Trusts should follow the usual sources of advice regarding collection and containment of these pathogens. In an emerging infection this may include information from ACDP and PHE, which would support a local risk assessment and SOP covering the handling of such samples.**
* **Follow infection control guidelines for novel respiratory pathogens**
* **Use recommended personal protective equipment (PPE)**
* **Dispose of sharps and clinical waste as per local guidelines**
* **Research samples are taken on alternate days during weeks 1 and 2**
* **Research samples are taken once-weekly from week 3 until week 14**

**Blood Samples**

* Venous blood is preferable, but arterial blood is allowed
* Please discard the first few ml of blood if a line e.g. CVC is used
* Take samples in this order: red-top, then EDTA, then Tempus tube
* Note that on Day One, 3 x EDTA tubes are required
* Red-top clotted and EDTA tubes should each hold 3ml of blood
* After filling, invert the EDTA and red-top tubes 5 times
* The red-top tube should be allowed to clot at room temp for 30 minutes
* Fill the Tempus tube exactly to the black mark 
* It is essential that the Tempus tube is inverted 20 timesafter filling

**Other Samples**

* Urine (up to 10ml, MSU or CSU) in a sterile universal, with lid sealed
* Stool (up to 10ml) in stool pot, with lid sealed tightly
* Endotracheal aspirate (ETA, up to 10 ml) in sealed suction trap **OR**
* Nasopharyngeal aspirate (NPA, up to 10ml) in sealed suction trap
  + Flocked nasopharyngeal or flocked nose & throat swab if not intubated *and* NPA isn’t possible
* Sputum if not intubated *and* the patient has a productive cough

**ALL SAMPLES**

* Handwrite name, date of birth, date of sample and relevant sample type on containers. Apply the ISARIC RESEARCH study sample label if available, other wise clearly mark ISARIC RESEARCH SAMPLE ideally with red marker.
* Complete the appropriate sampling record form
* Place all samples in a specimen bag and seal it
* Samples should be received promptly by your local lab and then within one hour of being collected

# ISARIC/WHO Severe Acute Respiratory Infection Biological Sampling Study

**CRITICAL CARE WEEK 1 SAMPLING (alternate days)**

|  |  |  |
| --- | --- | --- |
| **DAY** | **DATE** | **SAMPLES REQUIRED** |
| 1 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpghttp://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpghttp://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **3 x 1ml red-top 3 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 2 | / /2013 | *No research samples required – only take samples for clinical purposes* |
| 3 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 4 | / /2013 | *No research samples required – only take samples for clinical purposes* |
| 5 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 6 | / /2013 | *No research samples required – only take samples for clinical purposes* |
| 7 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |

# ISARIC/WHO Severe Acute Respiratory Infection Biological Sampling Study

**WEEK 2 SAMPLING (alternate days)**

|  |  |  |
| --- | --- | --- |
| **DAY** | **DATE** | **SAMPLES REQUIRED** |
| 8 | / /2013 | *No research samples – only take samples for clinical purposes* |
| 9 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 10 | / /2013 | *No research samples – only take samples for clinical purposes* |
| 11 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 12 | / /2013 | *No research samples required – only take samples for clinical purposes* |
| 13 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 14 | / /2013 | *No research samples required – only take samples for clinical purposes* |
| 15 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |

# ISARIC/WHO Severe Acute Respiratory Infection Biological Sampling Study

**WEEKLY SAMPLING – WEEKS 3-6**

|  |  |  |
| --- | --- | --- |
| **WEEK** | **DATE** | **SAMPLES REQUIRED** |
| 3 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 4 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 5 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
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# ISARIC/WHO Severe Acute Respiratory Infection Biological Sampling Study

**WEEKLY SAMPLING – WEEKS 7-10**

|  |  |  |
| --- | --- | --- |
| **WEEK** | **DATE** | **SAMPLES REQUIRED** |
| 7 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 8 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 9 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 10 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |

# ISARIC/WHO Severe Acute Respiratory Infection Biological Sampling Study

**WEEKLY SAMPLING – WEEKS 11-14**

|  |  |  |
| --- | --- | --- |
| **WEEK** | **DATE** | **SAMPLES REQUIRED** |
| 11 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 12 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 13 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |
| 14 | / /2013 | http://images.allegrocentral.com/63/58/venous-blood-collection-tube-bd-vacutainer-serum-tube-5-ml-13-x-100mm-red-top-564493-MEDIUM_0.jpg http://store.medicalgoods.com/images/sites/1/products/e5e41fd9-b996-494a-b3cf-0bacbcfa5454/medium/854694.jpg  **1 x 3ml red-top 1 x 3ml EDTA 1 x Tempus**  *Invert red-top & EDTA tubes 5 times Invert Tempus 20 times*  http://4.bp.blogspot.com/_j72wVbOHCcE/SjTTp3qyqlI/AAAAAAAAAYw/dCAkbCAFPZA/s320/Collection+of+a+sample+of+urine+urine+specimen.JPG http://www.pathology.leedsth.nhs.uk/pathology/Portals/0/images/microbiology_images/how2sample_page/sample_containers/spoonedfaecespot.jpg  ***OR***http://www.nhspathology.fph.nhs.uk/Libraries/PP_Logos/collecting_vacuum.sflb.ashx  **10ml Urine Stool ET aspirate NP aspirate** |

***END OF INPATIENT SERIAL SAMPLING***

# ISARIC/WHO Severe Acute Respiratory Infection Biological Sampling Study – CRITICAL CARE

**ADDITIONAL SAMPLES AT EACH TIME POINT**

**Sputum** in a tightly-sealed universal container  *Only if the patient is not intubated and is expectorating*

http://www.copanusa.com/media/images/amies/191.png

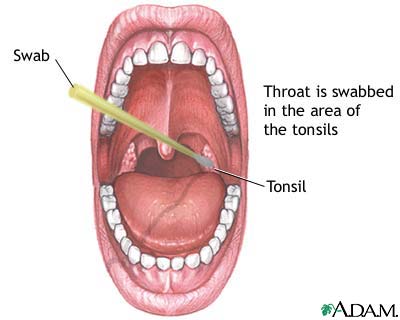
**Infected site swab** e.g. a viral swab of inflamed conjunctiva

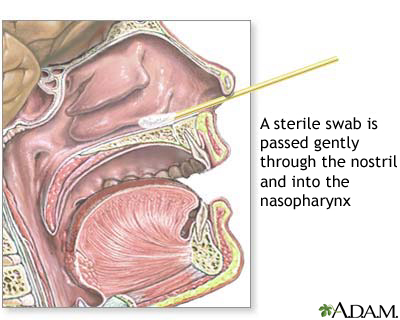
**ALTERNATIVE SAMPLES AT EACH TIME POINT**

If the patient is **not intubated but nasopharyngeal aspirate (NPA) is not possible**, obtain either:

**1. Flocked nasopharyngeal swab (preferred)**

 ***OR***

**2. Combined flocked swab of both nose and throat**



*Flocked swab tips should be placed in a labelled vial of universal transport medium (UTM) after sampling.*