

Supplementary information nr 1: Blood results

| | 27/08 07:43 | 27/08 11:51 | 27/08 17:34 | 28/08 07:05 | 29/08 07:03 | 30/08 07:08 | 31/08 07:20 | 01/09 07:21 | 02/09 07:02 | 03/09 06:37 | Units | Normal values |
|-------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------|---------------|
| Hematology | | | | | | | | | | | | |
| Haemoglobine | 15.1 + | | 12.3 | 11.6 | 9.2 - | 9.3 - | 10.1 - | 9.2 - | 9.2 - | 8.2 - | g/dl | 10.8-14.2 |
| Hematocrit | 0.417 + | | 0.355 | 0.336 - | 0.264 - | 0.271 - | 0.287 - | | 0.277 - | 0.243 - | l/l | 0.35-0.41 |
| Red blood cell count | 4.98 + | | 4.16 | 3.92 | 3.07- | 3.22 - | 3.42 - | | 3.13 - | 2.74 - | 10*12/l | 3.65-4.59 |
| Reticulocytes | 6.20 + | | | 61.50 | 51.00 | 62.50 | 46.80 | | 36.90 | 59.20 | 10*9/l | 16.0-66.0 |
| Mean cell volume | 83.7 | | 85.3 | 85.7 | 86.0 | 84.2 | 83.9 | | 88.5 | 88.7 | fl | 82.4-97.3 |
| Mean cell haemoglobin | 30.3 | | 29.6 | 29.6 | 30.0 | 28.9 | 29.5 | | 29.4 | 29.9 | pg | 25.0-34.2 |
| Mean cell haemoglobin concentration | 36.2 | | 34.6 | 34.5 | 34.8 | 34.3 | 35.2 | | 33.2 | 33.7 | g/dl | 33.2-36.9 |
| RDW | 14.0 | | 14.0 | 14.0 | 14.0 | 14.0 | 15.0 + | | 16.0 + | 16.0 + | % | 12.2-14.8 |
| Platelets | 109.0 - | | 83.0 -- | 82.0 - | 84.0 - | 93.0 - | 132.0 - | 146.0 | 138.0 - | 107.0 - | 10*9/l | 142.00-330.00 |
| White blood cells | 11.5 + | | 9.3 | 7.8 | 6.2 | 6.6 | 17.7 + | 16.4 + | 17.8 + | 14.0 + | 10*9/l | 3.45-9.76 |
| Prothrombin time | 82.0 | | | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 66.0 - | | % | 70.0-100.0 |
| Prothrombin time | 14.20 | | | 13.90 | 14.00 | 14.00 | 14.10 | 14.10 | 16.50 | | sec | 11.0-15.5 |
| APTT | 34.8 | | | 41.2 + | 39.1 | 50.4 + | 37.4 | 33.1 | 35.4 | | sec | 28.0-40.0 |
| Fibrinogen | 6.60 ++ | | | | | | | | | | g/l | 2.00-4.00 |
| D-dimer | 2.2 ++ | | | | | | | | | | mg/l | < 0.5 |
| Biochemistry | | | | | | | | | | | | |
| C-reactive Protein | 24.1 + | | 27.8 + | 26.9 + | 29.0 + | 32.8 + | 25.0 + | 12.1 + | 16.9 + | 27.2 + | mg/dl | < 1.0 |
| Total protein | 67 | | | 47 - | 38 - | 38 - | 35 - | | 45 - | 39 - | g/l | 60-78 |
| Albumin | | | | 2.2 - | 1.7 - | 2.0 | 1.5 - | | 2.4 - | 2.0 - | g/l | 3.5-5.0 |
| Triglycerides | | | | | | 104 | | | 87 | | mg/dl | < 150 |
| CK | 2258 + | | 4440 + | 6398 + | 1514 + | 1186 + | 1532 + | | 3872 + | 2965 + | U/l | 35-230 |
| CK-MB | 77 | | 113 | 172 | 74 | 41 | 46 | | 42 | 24 | U/l | |
| AST | 107 + | | | 260 + | 136 + | 102 + | 109 + | | 194 + | 165 + | U/l | 14-36 |
| ALT | 35 | | | 72 + | 73 + | 67 + | 57 + | | 86 + | 87 + | U/l | < 41 |

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|-----------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------------|-----------------------------|
| LDH | 693 + | | | 966 + | 1171 + | 1050 + | 999 + | | 1428 + | 1296 + | U/l | 316-618 |
| Amylase | 39 | | | 55 | < 30 | < 30 | 62 | | 115 + | 179 + | U/l | 30-110 |
| Lipase | 36 | | | 89 | 35 | 35 | 45 | | 103 | 128 | U/l | 23-300 |
| Alk. phosphatase | 104 | | | 80 | 77 | 82 | 107 | | 121 | 123 | U/l | 38-126 |
| Gamma-GT | 25 | | | 18 | 29 | 30 | 60 + | | 170 + | 187 + | U/l | 12-43 |
| Bilirubin | | | | 0.1 - | 0.2 | 0.9 | 0.3 | | 0.5 | 0.7 | mg/dl | 0.2-1.3 |
| Glucose | 114 + | | 89 | 144 + | 135 + | 98 | 124 + | 132 + | 135 + | 123 + | mg/dL | 76-110 |
| Sodium | 121 -- | 123 -- | 125 -- | 124 - | 123 - | 137 | 139 | 138 | 144 | 148 + | meq/l | 137-145 |
| Potassium | 4.0 | 3.7 | 4.0 | 3.9 | 3.6 | 4.2 | 4.4 | 4.4 | 4.1 | 4.1 | meq/l | 3.5-5.1 |
| Chloride | 87 - | 89 - | 99 | 95 - | 92 - | 105 | 110 + | 109 + | 111 + | 115 + | meq/l | 98-107 |
| Bicarbonate | 27.9 | | 20.4 - | 28.8 | 31.0 + | 28.5 | 23.5 | 24.0 | 25.4 | 27.8 | meq/l | 22.0-30.0 |
| Calcium | | | | 7.50 - | 7.20 - | 7.98 - | 8.14 - | | 8.37 - | 8.51 - | mg/dl | 8.60-10.0 |
| Osmolaliteit | | | | 258 - | 258 - | 283 | 291 | | 305 | 320 + | mosm/kg | 278-305 |
| Anion-gap | 10.1 | | 9.6 - | 4.1 - | 3.6 - | 7.7 - | 9.9 - | | 11.7 | 9.3 - | meq/l | 10.0-18.0 |
| Phosphate | | | 3.53 | 2.62 | 1.90 - | 1.78 - | 2.24 - | 1.85 - | 2.57 | 3.17 | mg/dl | 2.50-4.50 |
| Magnesium | | | 1.43 - | 1.73 | 2.00 | 2.31 + | 2.41 - | 2.42 + | 2.24 | 2.52 + | mg/dl | 1.60-2.30 |
| Ammonia | | 22.0 | | | | | | | | | umol/l | 11.0-32.0 |
| Urea | 24 | | 23 | 24 | 24 | 23 | 38 + | 54 + | 64 + | 91 + | mg/dl | 15-37 |
| Creatinine | 0.79 | | 0.77 | 0.77 | 0.80 | 0.86 | 0.96 | 1.00 | 1.02 | 1.06 | mg/dl | 0.5-1.2 |
| Estimated GFR | 78 | | 80 | 80 | 77 | 70 | 62 | 59 | 58 | 55 | mL/min/1.73m ² | |
| Uric Acid | 3.41 | | | 2.69 | 2.72 | 2.51 | 2.89 | | | | mg/dl | 2.5-7.5 |
| Lactate | 0.7 | | | | | | | | | | mmol/L | Venous 1.0-2.4 |
| Procalcitonin | | | 0.5 | | | | | | | | ng/mL | < 0.5 |
| Troponin | < 0.012 | <0.012 | | | | | | | | | ng/mL | > 0.12 suggestive for MI |
| Serology | | | | | | | | | | | | |
| Hepatitis B surface antigen | | neg | | | | | | | | | | |
| Hepatitis B core antibodies | | neg | | | | | | | | | | |

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|--------------------------------|--|----------|-----|--|--|--|--|--|--|--|---------------------------|------|
| Hepatitis C surface antibodies | | neg | | | | | | | | | | |
| Anti-HAV IgM | | doubtful | | | | | | | | | | |
| HIV Viral load | | 42 | | | | | | | | | Copies/ml pl | * |
| HIV Viral load | | 1.62 | | | | | | | | | logs | |
| Syphilis Ig-total | | | neg | | | | | | | | | |
| Anti-cardiolipin IgG | | | 0.2 | | | | | | | | GPL Units | < 10 |
| Anti-cardiolipin IgM | | | 4.1 | | | | | | | | MPL units | < 10 |
| Specific Hematology | | | | | | | | | | | | |
| Lymphocytes | | 6.50% | | | | | | | | | | |
| CD45 events | | 38119 | | | | | | | | | Pan leucocytes | |
| Lymphocytes events | | 2584 | | | | | | | | | | |
| CD3 events | | 1838 | | | | | | | | | T-lymphocytes | |
| CD4 events | | 380 | | | | | | | | | T-helper cells | |
| CD8 events | | 1273 | | | | | | | | | T-suppressor | |
| CD19 events | | 255 | | | | | | | | | B-lymphocytes | |
| CD3 | | 4.82 | | | | | | | | | % of T-lymphocytes | |
| CD4 | | 1.00 | | | | | | | | | % T-helper leucocytes | |
| CD4 | | 14.71 | | | | | | | | | % T-helper lymphocytes | |
| CD8 | | 3.34 | | | | | | | | | % T-suppressor leucocytes | |
| CD19 | | 0.67 | | | | | | | | | % B-lymphocytes | |

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|--------------------------|--|--------|------|--|--|--------|--|--|--|--|--------------|-----------|
| B-lymphocytes | | 0.0603 | | | | | | | | | 10*9/l CD19+ | |
| Protein C | | | 84.0 | | | | | | | | % | 70-130.0 |
| Protein S | | | 54 | | | | | | | | % | 50-134.0 |
| Beta-2 microglobuline | | | | | | 1.99 + | | | | | mg/L | 0.70-1.30 |

*Used test is Amliprep/Cobas Taqman HIV- ROCHE (version 2.0)

Supplementary information nr 2: Additional result (Urine)

| Urine results | 27/08 12:31 | Units | Normal values |
|------------------|----------------|---------|--------------------------|
| pH | 6.0 | | 4.8-7.4 |
| Sodium | 101.8 | meq/L | |
| Potassium | 44.6 | meq/l | |
| Osmolality | 579 | mosm/kg | 300-900 |
| Protein | 0.89 ++ | g/l | < 0.12 |
| Glucose | neg | | + if > 50mg/dl |
| Ketones | + | mg/dl | + if > mg/dl |
| Urobilinogen | neg | | + if > 1mg/dl |
| Bilirubin | neg | | + if > 1mg/dl |
| Nitrite | neg | | |
| Red blood cells | 262 + | /microl | 0-25 |
| Leucocytes | 61 + | /microl | 0-25 |
| Epithelial cells | 23 | /microl | + if > 30cells/microl |