**Supplemental table e-2** - Demographic and clinical information of the 66 patients presenting without neurological features.

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| **Patients** | **Clinic presentation** | **Inflammatory markers** | **SARS-CoV-2** | **Treatment** |
| 1, female, Caucasian, | Fever  Diarrhoea and vomits  ARDS  Rash, conjunctivitis  Coronary dilatation | Ferritin 215µg/L; CRP: 204mg/L; Procalcitonin: 0·85µg/L; Fibrinogen: 6·1g/L; D-Dimers: 2·56mg/L | PCR NP and serology negative | IVIg  IVMP  Anakinra |
| 2, female, Afro-Caribbean | Fever  Rash, cracked lips, conjunctivitis, hands/feet oedema | Ferritin 103µg/L; CRP: 48mg/L; Procalcitonin: not done; Fibrinogen: 5·0g/L; D-Dimers: 1·72mg/L | PCR NP and serology negative | IVIg |
| 3, female, Afro-Caribbean | Fever  Abdominal pain and diarrhoea  Mild ventricular dysfunction | Ferritin 405µg/L; CRP: 257mg/L; Procalcitonin: 6·11µg/L; Fibrinogen: 7·9g/L; D-Dimers: 2·95mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 4, male, Caucasian | Fever  Rash, cracked lips, conjunctivitis, lymphadenopathy | Ferritin 202µg/L; CRP: 235mg/L; Procalcitonin: 0·79µg/L; Fibrinogen: 5·6g/L; D-Dimers: 5·72mg/L | PCR NP and serology negative | IVIg  IVMP |
| 5, male, Middle-Eastern, overweight | Fever  Abdominal pain, diarrhoea and vomits  Rash, cracked lips, lymphadenopathy  Severe ventricular dysfunction | Ferritin 702µg/L; CRP: 322mg/L; Procalcitonin: 10·33µg/L; Fibrinogen: 3·1g/L; D-Dimers: 11·71mg/L | PCR NP negative and serology positive | IVIg |
| 6, female, Afro-Caribbean, obesity | Fever  Abdominal pain  Coronary dilatation  Severe ventricular dysfunction | Ferritin 4909µg/L; CRP: 103mg/L; Procalcitonin: 42·98µg/L; Fibrinogen: 5·3g/L; D-Dimers: 9·86mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 7, female, Caucasian, obesity | Fever  Abdominal pain and diarrhoea  Cough, sore throat  Rash, cracked lips | Ferritin 288µg/L; CRP: 276mg/L; Procalcitonin: 2·42µg/L; Fibrinogen: 7·9g/L; D-Dimers: 2·38mg/L | PCR NP and serology negative | IVIg  IVMP |
| 8, male, Afro-Caribbean | Fever  Diarrhoea  Cough, sore throat, ARDS  Rash, cracked lips, conjunctivitis, hands/feet oedema  Coronary dilatation, severe ventricular dysfunction | Ferritin 1327µg/L; CRP: 210mg/L; Procalcitonin: 74·2µg/L; Fibrinogen: 5·8g/L; D-Dimers: 24·06mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 9, male, Caucasian | Fever  Rash, cracked lips, conjunctivitis  Coronary dilatation, severe ventricular dysfunction | Ferritin 896µg/L; CRP: 76mg/L; Procalcitonin: 16·34µg/L; Fibrinogen: 3·5g/L; D-Dimers: 4·21mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 10, male, Afro-Caribbean, overweight | Fever  Abdominal pain  ARDS  Cracked lips, conjunctivitis, lymphadenopathy  Coronary dilatation | Ferritin 306µg/L; CRP: 241mg/L; Procalcitonin: 1·80µg/L; Fibrinogen: 6·5g/L; D-Dimers: 4·20mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 11, male, Afro-Caribbean | Fever  ARDS  Rash, conjunctivitis, lymphadenopathy | Ferritin 374µg/L; CRP: 391mg/L; Procalcitonin: 5·40µg/L; Fibrinogen: 5·7g/L; D-Dimers: 3·75mg/L | PCR NP and serology negative | IVIg |
| 12, female, Caucasian | Fever | Ferritin 313µg/L; CRP: 127mg/L; Procalcitonin: 0·93µg/L; Fibrinogen: 6·1g/L; D-Dimers: 1·87mg/L | PCR NP and serology negative | IVIg  IVMP |
| 13, male, Asian | Fever  Abdominal pain  Cough, sore throat, ARDS  Rash, cracked lips, conjunctivitis, lymphadenopathy  Moderate ventricular dysfunction | Ferritin 550µg/L; CRP: 183mg/L; Procalcitonin: 0·45µg/L; Fibrinogen: 4·6g/L; D-Dimers: 11·16mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 14, female, Afro-Caribbean | Fever  Diarrhoea and vomits  ARDS  Conjunctivitis  Coronary dilatation, moderate ventricular dysfunction | Ferritin 4220µg/L; CRP: 556mg/L; Procalcitonin: >100µg/L; Fibrinogen: 10·8g/L; D-Dimers: 13·49mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 15, female, Asian, Overweight | Fever  Abdominal pain  Coronary dilatation | Ferritin 1066µg/L; CRP: 99mg/L; Procalcitonin: 2·69µg/L; Fibrinogen: 7·0g/L; D-Dimers: 13·49mg/L | PCR NP and serology negative | IVIg  IVMP  Tocilizumab |
| 16, male, Caucasian | Fever  Abdominal pain  Cough, sore throat, ARDS  Rash, cracked lips, conjunctivitis  Severe ventricular dysfunction | Ferritin 480µg/L; CRP: 167mg/L; Procalcitonin: 4·94µg/L; Fibrinogen: 7·0g/L; D-Dimers: 12·52mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 17, male, Afro-Caribbean | Fever  Cough  Rash, lymphadenopathy | Ferritin 1583µg/L; CRP: 240mg/L; Procalcitonin: 30·18µg/L; Fibrinogen: 5·8g/L; D-Dimers: 11·62mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 18, female, Caucasian, obesity | Fever  Sore throat | Ferritin 134µg/L; CRP: 254mg/L; Procalcitonin: 0·09µg/L; Fibrinogen: 5·6g/L; D-Dimers: 0·45mg/L | PCR NP negative and serology positive |  |
| 19, male, Afro-Caribbean, overweight | Fever  Diarrhoea  ARDS  Conjunctivitis  Coronary dilatation | Ferritin 227µg/L; CRP: 295mg/L; Procalcitonin: 8·42µg/L; Fibrinogen: 5·6g/L; D-Dimers: 8·80mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 20, male, Afro-Caribbean, overweight | Fever  Abdominal pain, diarrhoea and vomits  Cough, sore throat, ARDS  Mild ventricular dysfunction | Ferritin 101µg/L; CRP: 177mg/L; Procalcitonin: 1·31µg/L; Fibrinogen: 5·3g/L; D-Dimers: 5·03mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 21, male, Mixed ethnicity | Fever  ARDS  Mild ventricular dysfunction | Ferritin 199µg/L; CRP: 135mg/L; Procalcitonin: 4·72µg/L; Fibrinogen: 6·1g/L; D-Dimers: 1·74mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 22, male, Caucasian | Fever  Abdominal pain | Ferritin 47µg/L; CRP: 101mg/L; Procalcitonin: 0·14µg/L; Fibrinogen: 5·2g/L; D-Dimers: 0·75mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 23, male, Middle-Eastern | Fever  Abdominal pain  ARDS  Coronary dilatation, mild ventricular dysfunction | Ferritin 1332µg/L; CRP: 187mg/L; Procalcitonin: 11·18µg/L; Fibrinogen: 6·5g/L; D-Dimers: 16·03mg/L | PCR NP negative and serology positive | IVIg  IVMP  Infliximab |
| 24, male, Asian | Fever  Diarrhoea and vomits  Cough  Coronary dilatation | Ferritin 552µg/L; CRP: 180mg/L; Procalcitonin: 2·44µg/L; Fibrinogen: 7·2g/L; D-Dimers: 5·27mg/L | PCR NP negative and serology positive | IVIg  IVMP  Infliximab |
| 25, male, Asian | Fever  Abdominal pain, diarrhoea and vomits  ARDS  Severe ventricular dysfunction | Ferritin 9021µg/L; CRP: 292mg/L; Procalcitonin: 8·77µg/L; Fibrinogen: 3·5g/L; D-Dimers: 80·00mg/L | PCR NP negative and serology positive | IVIg  IVMP  Anakinra |
| 26, male, Afro-Caribbean, obesity | Fever  Abdominal pain  Cough  Rash, conjunctivitis, hands/feet oedema  Coronary dilatation, moderate ventricular dysfunction | Ferritin 248µg/L; CRP: 418mg/L; Procalcitonin: 15·94µg/L; Fibrinogen: 10·0g/L; D-Dimers: 42·63mg/L | PCR NP negative and serology positive | IVIg  IVMP  Infliximab |
| 27, male, Caucasian | Fever  Abdominal pain  Rash, conjunctivitis, hands/feet oedema  Severe ventricular dysfunction | Ferritin 1464µg/L; CRP: 186mg/L; Procalcitonin: <0·06µg/L; Fibrinogen: 3·2g/L; D-Dimers: 0·27mg/L | PCR NP negative and serology positive | IVIg  IVMP Tocilizumab |
| 28, male, Middle-Eastern, obesity | Fever  Abdominal pain and diarrhoea  ARDS  Severe ventricular dysfunction | Ferritin 747µg/L; CRP: 336mg/L; Procalcitonin: 0·51µg/L; Fibrinogen: 6·3g/L; D-Dimers: 13·30mg/L | PCR NP and serology positive | IVIg  IVMP |
| 29, female, Afro-Caribbean | Fever  Abdominal pain | Ferritin 89µg/L; CRP: 137mg/L; Procalcitonin: 0·27µg/L; Fibrinogen: 5·4g/L; D-Dimers: 9·79mg/L | PCR NP and serology negative |  |
| 30, female, Asian, obesity | Fever  Abdominal pain diarrhoea  ARDS  Rash  Severe ventricular dysfunction | Ferritin 1049µg/L; CRP: 294mg/L; Procalcitonin: 1·70µg/L; Fibrinogen: 7·3g/L; D-Dimers: 2·19mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 31, male, Afro-Caribbean, obesity | Fever  Rash, conjunctivitis  Coronary dilatation  Severe ventricular dysfunction | Ferritin 1981µg/L; CRP: 260mg/L; Procalcitonin: 32·34µg/L; Fibrinogen: 6·9g/L; D-Dimers: 2·33mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 32, male, Caucasian | Fever  Abdominal pain, diarrhoea and vomits  Rash | Ferritin 103µg/L; CRP: 156mg/L; Procalcitonin: 6·92µg/L; Fibrinogen: 5·9g/L; D-Dimers: 1·68mg/L | PCR NP and serology negative | IVIg  IVMP |
| 33, male, Afro-Caribbean | Fever  Abdominal pain, diarrhoea and vomits  Rash, conjunctivitis  Coronary dilatation, mild ventricular dysfunction | Ferritin 665µg/L; CRP: 339mg/L; Procalcitonin: 100·00µg/L; Fibrinogen: 7·3g/L; D-Dimers: 3·31mg/L | PCR NP negative and serology positive | IVIg  IVMP  Infliximab  Anakinra |
| 34, female, Caucasian | Fever  Abdominal pain  Rash, conjunctivitis, hands/feet oedema | Ferritin 1327µg/L; CRP: 44mg/L; Procalcitonin: 0·74µg/L; Fibrinogen: 4·2g/L; D-Dimers: 3·43mg/L | PCR NP and serology negative | IVIg  IVMP |
| 35, male, Caucasian | Fever  Abdominal pain, diarrhoea and vomits  ARDS  Rash  Severe ventricular dysfunction | Ferritin 958µg/L; CRP: 340mg/L; Procalcitonin: 71·53µg/L; Fibrinogen: 7·1g/L; D-Dimers: 27·19mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 36, male, Afro-Caribbean, obesity | Fever  Abdominal pain  Conjunctivitis  Mild ventricular dysfunction | Ferritin 1530µg/L; CRP: 80mg/L; Procalcitonin: 3·48µg/L; Fibrinogen: 3·2g/L; D-Dimers: 2·01mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 37, male, Afro-Caribbean, obesity | Fever  Abdominal pain and diarrhoea  ARDS  Rash  Coronary dilatation, severe ventricular dysfunction | Ferritin 2219µg/L; CRP: 235mg/L; Procalcitonin: 40·14µg/L; Fibrinogen: 5·3g/L; D-Dimers: 8·69mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 38, male, Middle-Eastern | Fever  Abdominal pain, diarrhoea and vomits  ARDS  Rash, cracked lips, conjunctivitis  Severe ventricular dysfunction | Ferritin 1148µg/L; CRP: 144mg/L; Procalcitonin: 5·62µg/L; Fibrinogen: 5·6g/L; D-Dimers: 3·66mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 39, female, Afro-Caribbean, obesity | Fever  Abdominal pain, diarrhoea  ARDS  Severe ventricular dysfunction | Ferritin 631µg/L; CRP: 307mg/L; Procalcitonin: 12·13µg/L; Fibrinogen: 5·6g/L; D-Dimers: 3·40mg/L | PCR NP and serology negative | IVIg  IVMP |
| 40, female, Middle-Eastern | Fever  Abdominal pain  Cough, ARDS  Rash, conjunctivitis, lymphadenopathy, hands/feet oedema  Severe ventricular dysfunction | Ferritin 1064µg/L; CRP: 196mg/L; Procalcitonin: 8·56µg/L; Fibrinogen: 6·4g/L; D-Dimers: 1·90mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 41, male, Afro-Caribbean, obesity | Fever  Abdominal pain and diarrhoea | Ferritin 990µg/L; CRP: 260mg/L; Procalcitonin: 0·19µg/L; Fibrinogen: 7·2g/L; D-Dimers: 3·99mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 42, female, Afro-Caribbean, overweight | Fever  Cough, ARDS  Severe ventricular dysfunction | Ferritin 1585µg/L; CRP: 236mg/L; Procalcitonin: 40·53µg/L; Fibrinogen: 5·2g/L; D-Dimers: 6·53mg/L | PCR NP negative and serology positive | IVIg  IVMP  Infliximab |
| 43, male, Asian, obesity | Fever  Abdominal pain  Cough, ARDS  Conjunctivitis  Mild ventricular dysfunction | Ferritin 680µg/L; CRP: 110mg/L; Procalcitonin: 4·20µg/L; Fibrinogen: 6·8g/L; D-Dimers: 2·19mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 44, male, Asian | Fever  Abdominal pain | Ferritin 398µg/L; CRP: 73mg/L; Procalcitonin: 0·19µg/L; Fibrinogen: 6·1g/L; D-Dimers: 1·46mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 45, male, Caucasian | Fever  Abdominal pain, diarrhoea and vomits  Rash, cracked lips, conjunctivitis  Coronary dilatation | Ferritin 1092µg/L; CRP: 48mg/L; Procalcitonin: 0·07µg/L; Fibrinogen: 5·8g/L; D-Dimers: 1·71mg/L | PCR NP and serology negative | IVIg  IVMP |
| 46, male, Afro-Caribbean, obesity | Fever  Abdominal pain, diarrhoea and vomits  Coronary dilatation | Ferritin 782µg/L; CRP: 244mg/L; Procalcitonin: 6·44µg/L; Fibrinogen: 8·6g/L; D-Dimers: 2·85mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 47, male, Afro-Caribbean | Fever  Abdominal pain, diarrhoea and vomits  ARDS  Coronary dilatation, moderate to severe ventricular dysfunction | Ferritin 4326µg/L; CRP: 340mg/L; Procalcitonin: >100µg/L; Fibrinogen: 7·3g/L; D-Dimers: 12·77mg/L | PCR NP negative and serology positive | IVIg  IVMP  Infliximab |
| 48, male, Afro-Caribbean, overweight | Fever  Coronary dilatation | Ferritin 436µg/L; CRP: 112mg/L; Procalcitonin: 3·53µg/L; Fibrinogen: 5·0g/L; D-Dimers: 1·17mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 49, male, Caucasian, Overweight | Fever  Abdominal pain, diarrhoea and vomits  ARDS  Coronary dilatation, moderate ventricular dysfunction | Ferritin 2128µg/L; CRP: 323mg/L; Procalcitonin: 7·32µg/L; Fibrinogen: 11·5g/L; D-Dimers: 4·58mg/L | PCR NP negative and serology positive | IVIg  IVMP  Infliximab |
| 50, male, Middle-Eastern, obesity | Fever  Abdominal pain, diarrhoea and vomits | Ferritin 548µg/L; CRP: 325mg/L; Procalcitonin: 0·16µg/L; Fibrinogen: 9·7g/L; D-Dimers: 2·27mg/L | PCR NP and serology positive | IVIg  IVMP |
| 51, male, Asian | Fever  Rash, cracked lips, conjunctivitis | Ferritin 462µg/L; CRP: 67mg/L; Procalcitonin: 0·42µg/L; Fibrinogen: 5·4g/L; D-Dimers: 2·12mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 52, male, Afro-Caribbean | Fever  Abdominal pain, diarrhoea and vomits  Conjunctivitis | Ferritin 1142µg/L; CRP: 85mg/L; Procalcitonin: 0·55µg/L; Fibrinogen: 4·1g/L; D-Dimers: 0·67mg/L | PCR NP negative and serology positive | IVIg  IVMP |
| 53, male, Caucasian | Fever  Abdominal pain  Mild ventricular dysfunction | Ferritin 470µg/L; CRP: 62mg/L; Procalcitonin: 0·08µg/L; Fibrinogen: 3·4g/L; D-Dimers: 1·22mg/L | PCR NP negative and serology positive |  |
| 54, male, Afro-Caribbean | Fever  ARDS  Coronary dilatation | Ferritin 74µg/L; CRP: 131mg/L; Procalcitonin: 3·10µg/L; Fibrinogen: 6·5g/L; D-Dimers: 1·15mg/L | PCR NP and serology negative | IVIg |
| 55, male, Asian, Overweight | Fever  Abdominal pain | Ferritin 563µg/L; CRP: 259mg/L; Procalcitonin: 1·20µg/L; Fibrinogen: 8·2g/L; D-Dimers: 4·19mg/L | PCR NP and serology positive | IVIg |
| 56, male, Caucasian | Fever  Cough  Rash, conjunctivitis, hands/feet oedema  Mild ventricular dysfunction | Ferritin 376µg/L; CRP: 73mg/L; Procalcitonin: 27·19µg/L; Fibrinogen: 5·9g/L; D-Dimers: 7·82mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 57, male, Caucasian | Fever  Abdominal pain  ARDS  Rash | Ferritin 131µg/L; CRP: 119mg/L; Procalcitonin: 0·27µg/L; Fibrinogen: 5·9g/L; D-Dimers: 0·58mg/L | PCR NP and serology negative | IVIg  IVMP |
| 58, female, Caucasian | Fever  Abdominal pain  Lymphadenopathy | Ferritin 344µg/L; CRP: 284mg/L; Procalcitonin: 0·43µg/L; Fibrinogen: 6·3g/L; D-Dimers: 2·08mg/L | PCR NP and serology negative | IVIg  IVMP |
| 59, male, Caucasian | Fever  Abdominal pain  Sore throat  Lymphadenopathy | Ferritin 132µg/L; CRP: 163mg/L; Procalcitonin: 1·17µg/L; Fibrinogen: 5·1g/L; D-Dimers: 0·55mg/L | PCR NP and serology negative | IVIg |
| 60, male, Afro-Caribbean, obesity | Fever  Abdominal pain  Sore throat  Conjunctivitis, hands/feet oedema | Ferritin 1527µg/L; CRP: 119mg/L; Procalcitonin: 2·09µg/L; Fibrinogen: 5·8g/L; D-Dimers: 1·44mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 61, female, Asian, obesity | Fever  Abdominal pain  Cough  Mild ventricular dysfunction | Ferritin 186µg/L; CRP: 111mg/L; Procalcitonin: 0·43µg/L; Fibrinogen: 5·3g/L; D-Dimers: 1·52mg/L | PCR NP and serology negative | IVIg  IVMP |
| 62, male, Afro-Caribbean, obesity | Diarrhoea  Abdominal pain  Sore throat, ARDS  Conjunctivitis, lymphadenopathy, finger desquamation  Mild to moderate ventricular dysfunction | Ferritin 443µg/L; CRP: 241mg/L; Procalcitonin: 4·24µg/L; Fibrinogen: 6·8g/L; D-Dimers: 3·24mg/L | PCR NP negative and serology positive | IVIg  IVMP  Tocilizumab |
| 63, male, Caucasian | Fever  Abdominal pain  ARDS  Coronary dilatation | Ferritin 346µg/L; CRP: 148mg/L; Procalcitonin: 1·84µg/L; Fibrinogen: 7·3g/L; D-Dimers: 2·16mg/L | PCR NP and serology negative | IVIg  IVMP  Tocilizumab |
| 64, female, Caucasian | Fever  Diarrhoea | Ferritin 428µg/L; CRP: 250mg/L; Procalcitonin: 1·99µg/L; Fibrinogen: 6·4g/L; D-Dimers: 2·46mg/L | PCR NP and serology negative | IVIg  IVMP |
| 65, female, Caucasian, obesity | Fever  Abdominal pain | Ferritin 178µg/L; CRP: 187mg/L; Procalcitonin: 2·95µg/L; Fibrinogen: 8g/L; D-Dimers: 4·30mg/L | PCR NP and serology negative | IVIg  IVMP |
| 66, female, Caucasian | Fever  Coronary dilatation | Ferritin 164µg/L; CRP: 189mg/L; Procalcitonin: 4·40µg/L; Fibrinogen: 4·9g/L; D-Dimers: 28·79mg/L | PCR NP and serology negative | IVIg  IVMP |

ARDS - acute respiratory distress syndrome; CRP - C-reactive protein;IVIG - Intravenous immunoglobulin; IVMP - intravenous methylprednisolone; NP – nasopharyngeal; PCR - polymerase chain reaction.