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| Blood draws | 115 |
| Green vial: Chemistry | |
| Na ⁺ /K ⁺ /Cl ⁻ | 108 |
| Calcium | 54 |
| Magnesium | 56 |
| Phosphorus | 56 |
| Creatinine | 106 |
| Urea | 106 |
| ALP/ALT/AST/GGT | 41 |
| Direct bilirubin | 39 |
| Total bilirubin | 41 |
| Amylase | 7 |
| Lipase | 13 |
| Albumin | 50 |
| Total tests: | 800 |
| Total vials: | 110 |
| Blue vial: Coagulation factors | |
| INR | 26 |
| PTT | 26 |
| Total tests: | 52 |
| Total vials: | 26 |
| Purple vial: Hematology | |
| CBC | 102 |
| Diff | 70 |
| Total tests: | 172 |
| Total vials: | 102 |
| Gold vial: Total protein | |
| Total protein | 14 |
| Total tests: | 14 |
| Total vials: | 14 |

Supplemental Table 1: Number of unnecessary tests and vials for each analyzed laboratory investigation.

Abbreviations: Na⁺ = Sodium, K⁺ = Potassium, Cl⁻ = Chloride, ALP = Alkaline Phosphatase, ALT = Alanine Aminotransferase, AST = Aspartate Aminotransferase, GGT = Gamma-glutamyl Transferase, INR = International Normalized Ratio and PTT = Partial Thromboplastin Time, CBC = Complete blood count, Diff = Differential

***Note:** Vial count for INR/PTT includes the excess vials wasted during phlebotomy (Supplemental materials: *"Blood collection and transport"*)