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| --- | --- | --- |
| **Phase** | **Symptom** | **Exposure (Sv)** |
| **1–2Sv** | **2–6Sv** | **6–8Sv** | **8–30Sv** | **>30Sv** |
| **Immediate** | **Nausea and vomiting** | 5–50% | 50–100% | 75–100% | 90–100% | 100% |
| ''Time of onset'' | 2–6h | 1–2h | 10–60m | <10m | immediate |
| ''Duration'' | <24h | 24–48h | >48h | >48h | 48h–death |
| **Diarrhea** | None | Slight (10%) | Heavy (10%) | Heavy (90%) | Heavy (100%) |
| ''Time of onset'' | — | 3–8h | 1–2h | <1h | <30m |
| **Headache** | Slight | Mild (50%) | Moderate (80%) | Severe (80–90%) | Severe (100%) |
| ''Time of onset | — | 4–24h | 3–4h | 1–2h | <1h |
| **Fever** | Slight–None | Moderate (50%) | High (100%) | Severe (100%) | Severe (100%) |
| ''Time of onset | — | 1–3h | <1h | <1h | <30m |
| **CNS function** | No impairment | Cognitive impairment 6–20 h | Cognitive impairment >20 h | Rapid incapacitation | Seizures, Tremor, Ataxia |
| **Latent Period** |   | 28–31 days | 7–28 days | <7 days | none | none |
| **Overt illness** |   | Mild Leukopenia;Fatigue;Weakness | Leukopenia;Purpura;Hemorrhage;Infections;Epilation | Severe leukopenia;High fever;Diarrhea;Vomiting;Dizziness and disorientation Hypotension;[Electrolyte](http://www.news-medical.net/health/What-is-an-Electrolyte.aspx) disturbance | Nausea;Vomiting; Severe diarrhea;High fever;Electrolyte disturbance;Shock | Death |
|   | **Mortality without medical care** | 0–5% | 5–100% | 95–100% | 100% | 100% |
|   | **Mortality with medical care** | 0–5% | 5–50% | 50–100% | 100% | 100% |
|  |  |  |  |  |  |  |