Table S4. Cerebral toxoplasmosis diagnosed by post mortem examination of AIDS patients in Brazil

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Place/state** | **Period** | **No. of**  **AIDS**  **patients** | **No.**  **diagnosed**  **toxoplasmosis (%)** | **Comments** | **Reference** |
| São Paulo/SP | 1983-1986 | 22 | 4 (18.1) | Macroscopic abscesses midbrain in 3 | Rosemberg *et al.* (1986) |
| São Paulo and Rio de Janeiro states | 1984-1990 | 252 | 86 (34.1) | Mostly demarcated lesions, 5 cases of diffuse encephalitis | Chimelli *et al.* (1992) |
| Niterói, RJa | 1984-1990 | 154 | 50 (38.9) | Cerebral toxoplasmosis | Camara *et al*.  (2003) |
| Porto Alegre/RS | 1985-1990 | 138 | 29 (21.0) | Concurrent cryptococcosis in 2, hemorrhagic lesions in 2 | Wainstein *et al.* (1992) |
| São Paulo/SP | 1993-2000 | 92 | 8 (8.6) | All 8 cases of central nervous system disease were toxoplasmosis | Cury *et al.* (2003) |
| Amazonas | 1996-2003 | 129 | 13 (10.0) | All had lesions in brain\* | de Souza *et al.* (2008) |
| Uberaba,MG | 1989-2008 | 284 | 85 (29.9) | CNS lesions | Silva *et al*. (2012) |

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b Personal communication to JPD.

**Camara, V. D., Tavares, W., Ribeiro, M., and Dumas, M.** (2003). Manifestações neurológicas de toxoplasmose em AIDS. *Jornal Brasileiro de Doenças Sexualmente Transmissíveis*. **15,** 46-50.

**Chimelli, L., Rosemberg, S., Hahn, M. D., Lopes, M. B. S., and Barretto Netto, M.** (1992). Pathology of the central nervous system in patients infected with the human immunodeficiency virus (HIV): a report of 252 autopsy cases from Brazil. *Neuropathology and Applied Neurobiology*. **18,** 478-488.

**Cury, P. M., Pulido, C. F., Furtado, V. M. G., and da Palma, F. M. C.** (2003). Autopsy findings in AIDS patients from a reference hospital in Brazil: analysis of 92 cases. *Pathology Research and Practice*. **199,** 811-814.

**de Souza, S. L. S., Feitoza, P. V. S., de Araújo, J. R., de Andrade, R. V., and Ferreira, L. C. L.** (2008). Causas de óbito em pacientes com síndrome da imunodeficiência adquirida, necropsiados na Fundação de Medicina Tropical do Amazonas. *Revista da Sociedade Brasileira de Medicina Tropical*. **41,** 247-251.

**Rosemberg, S., Lopes, M. B. S., and Tsanaclis, A. M.** (1986). Neuropathology of acquired immunodeficiency syndrome (AIDS). Analysis of 22 Brazilian cases. *Journal of the Neurological Sciences*. **76,** 187-198.

**Silva, A. C. A. L., Rodrigues, B. S. C., Micheletti, A. M. R., Tostes, S., Meneses, A. C. O., Silva-Vergara, M. L., and Adad, S. J.** (2012). Neuropathology of AIDS: an autopsy review of 284 cases from Brazil comparing the findings pre- and post-HAART (Highly Active Antiretroviral Therapy) and pre- and postmortem correlation. *AIDS Research and Treatment*. **2012,** 186850.

**Wainstein, M. V., Ferreira, L., Wolfenbuttel, L., Golbspan, L., Sprinz, E., Kronfeld, M., and Edelweiss, M. I.** (1992). Achados neuropatológicos na síndrome da imunodeficiência adquirida (SIDA): revisão de 138 casos. *Revista da Sociedade Brasileira de Medicina Tropical*. **25,** 95-99.