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| CASE | REFERENCE | AGE | SEX | THYMOMA HISTOLOGY | BONE MARROW | DEBUT AND ALTERATIONS | 1ºLINE THERAPY  (DAYS UNTIL RESPONSE) | RELAPSE | 2º  (DAYS UNTIL RESPONSE) | SERUM INHIBITOR | EXITUS |
| 1 | Josse JH, 1958 | 73 | F | Spindle cell | Hypoplasic y amegacarocytosis | Fever and caquexia | Antibiotics (R) | - | - | - | Yes |
| 2 | Thiele H G, 1967 | 53 | M | Spindle cell | Promyelocyte arrest | ND | - | - | - | - | Yes |
| 3 | Rogers BHJ, 1968 | 69 | F | Spindle cell | Hypoplasic | Anemia, trombocytopenia bleeding and petechial  Hypogammaglobulinaemia | Prednisone + Testosterone  (R) | - | Thymectomy (R) | - | Yes |
| 4 | Jacobson BM, 1971 | 70 | F | Spindle cell | Promyelocyte arrest | Fever  Hypogammaglobulinaemia ANA+ | Splenectomy (R) | - | Prednisone + Isoniacide (R) | - | Yes |
| 5 | Young RH, 1977 | 68 | F | Spindle cell | Myelopoiesis absent | Fever  Hipogammaglobulinemia  Reumatoid Factor+ | - | - | - | - | Yes |
| 6 | Degos L, 1982 | 52 | F | Spindle cell | Promyelocyte arrest | Recurrent infections  Hypogammaglobulinaemia and absent B lymphocytes | Thymectomy  Prednisone and Cyclophosphamide (R) | - | Plasmapheresis (ND) | Yes | No |
| 7 | Ackland SP, 1988 | 70 | F | Metastasis malignant Spindle cell | Myelopoiesis absent | Pulmonary sepsis  Hypogammaglobulinaemia Miastenia gravis | IVIG (R) | - | - | Yes | Yes |
| 8 | Weir AB, 1989 | 64 | M | Spindle cell | Promyelocyte arrest | Fever  Hypogammaglobulinaemia CLL | Vincristine + prednisone (6) | Yes | Vincristine + prednisone  (14 days)  Thymectomy  (6 days) | Yes | Yes |
| 9 | Nagashima S, 1989 | 58 | M | Spindle cell | Promyelocyte arrest | Reordenamiento TCR β?  Anti-AChR | Radiation  (R) | - | Prednisone, thymectomy (?) | No | No |
| 10 | Mathieson PW,  1990 | 46 | F | Lymphoepitelial | Promyelocyte arrest | Mucotutaneus ulcers  Hypogammaglobulinaemia Miastenia gravis | Plasmapheresis  (R) | - | Azatioprine + prednisone (120 days) | Yes | No |
| 11 | Postiglione K, 1995 | 68 | F | Spindle cell | Promyelocyte arrest | Trombosis  ANA+ | G-CSF + IVIG + Prednisone  (R) | - | Thymectomy,  Plasmapheresis + Cyclophosphamide  (7) | Yes | Yes |
| 12 | Yip D, 1996 | 51 | M | Spindle cell | Promyelocyte arrest | Fever  Hypogammaglobulinaemia  Anti-MUSK | Prednisone, CHOP and thymectomy  (R) | - | G-CSF  (6 days)  G-CSF maintenance | No | No |
| 13 | Yip D, 1996 | 52 | F | Spindle cell | Myelopoiesis absent | Fever, mucocutaneus ulcers  ANA+ | G-CSF, prednisone  (R) | - | IVIG, cyclophosphamide  (R) | - | Yes |
| 14 | Crawford WW, 1999 | 59 | M | Spindle cell | Myelopoiesis nearly absent | Diarrhea, dysphagia  Hypogammaglobulinaemia  CD4:CD8 inversion and low B lymphocytes | Methylprednisolona, and Azathioprine (21)  NO Thymectomy performed | - | - | - | No |
| 15 | Fumeux Z, 2003 | 76 | F | Cortical B2 | Myelopoiesis absent | Fever and weight lose | Thymectomy + IVIG+ GCSF + Metilprendnisolone pulse (7) | Yes | CyA, Metilprednisolone + G-CSF (3) | - | No |
| 16 | Alvares CL, 2004 | 59 | M | Spindle cell | Myelopoiesis absent | Fever and mucocutaneus ulcers  Anti-AChR  Hypocomplementemia | G-CSF  (R)  Plasmaphersis (R) | Yes | Alemtuzumab  (12)  Alemtuzumab + CyA + MMF + GCSF | Yes | No |
| 17 | Jethava Y,  2011 | 45 | M | AB thymoma | Myelopoiesis absent | Fever and sepsis  Hypogammaglobulinaemia  XI Factor deficiency | CyA +Thymectomy  (10) | Yes | CyA  (7) | - | No |
| 18 | Akinosoglou K, 2014 | 70 | F | Spindle cell | Promyelocyte arrest | Absent B lymphocytes  Low IgA and IgM  Cryptococcal infection | Dexamethasone +  G-CSF + IVIG (20) | - | - | - | No |
| 19 | Okusu T, 2016 | 72 | M | B2 thymoma | Granulocytic hypoplasia | *Candida albicans* | - | - | - | - | Yes |
| 20 | Olivera M,  2018 | 66 | F | AB thymoma | Hypoplasia and Promyelocyte arrest, displastic | Recurrent infection  Hypogammaglobulinaemia  absent B lymphocytes | Thymectomy, IVIG and G-CSF  (R) | - | CyA  (>30 days) | - | No |
| 21 | Kobayashi Y, 2018 | 63 | M | Spindle cell | Myelopoiesis absent | Fever  Hypogammaglobulinaemia | G-CSF (R) | - | CyA (10) | Yes | No |
| 22 | Uy K, 2019 | 65 | F | Mixed AB2 | Promyelocyte arrest | Fever and rash  Hypogammaglobulinaemia | Thymectomy  (R) | - | CyA + G-CSF  (7) | - | No |
| 23 | Case | 33 | M | Mixed AB | Promyelocyte arrest | Fever, mucocutaneus sepsis  Hypogammaglobulinaemia CD4:CD8 inversion | G-CSF  (R) | - | CyA +IVIG  (10) | - | No |

**Table I.** Pure White Cell Aplasia associated to thymoma reported in literature.

Anti-AChR: anti-acetilcholine antibody, Anti-MUSK: anti-smooth muscle antibody, CLL: Chronic Lymphocytic Leukemia, CyA: cyclosporine A, M: male, F: female. G-CSF: Granulocyte colony-stimulating factor, IVIG: intravenous inmunoglobuline G, MMF: micophenolate mofetil, ND: no data, R: refractory, TCR: T-Cell receptor.