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| --- | --- | --- | --- | --- | --- | --- | --- |
| Table 2. Published cases of spontaneous tumor lysis syndrome in solid tumors | | | | | | | |
| No. | Tumor type | Age | Sex | Metastasis | Initial Symptoms | Outcome | Author/Reference |
| 1 | Neuroblastoma | 27 | Female | Lung + Liver | Abdominal Distention + Back Pain | Died | ([1](#_ENREF_1)) |
| 2 | Cholangiocarcinoma | 59 | Male | Lung + Liver | Weakness + Fatigue | Died | ([2](#_ENREF_2)) |
| 3 | Lung Small Cell Lung Cancer | 59 | Male | Liver + Mediastinal LAP | Oliguria | Died | ([3](#_ENREF_3)) |
| 4 | Caecum Adenocarcinoma | 47 | Female | Lung + Liver + Ovaries + Peritoneal Carcinomatosis | Abdominal Distention + Lower Extremity Edema + Dyspnea | Died | ([4](#_ENREF_4)) |
| 5 | Endometrial Adenocarcinoma | 59 | Female | Retroperitoneal LAP | Abdominal Pain + Somnolence | Died | ([5](#_ENREF_5)) |
| 6 | Breast Invasive Ductal Cell Carcinoma | 36 | Female | Liver + Vertebra + Left Pectoralis Minor Muscle + Left Supraventricular, Hilar, Axillary, and Retroperitoneal LAP | Chest Pain + cough + Dyspnea | Survived | ([6](#_ENREF_6)) |
| 7 | Colon Adenocarcinoma | 66 | Female | + Mediastinal, Abdominal, and Retroperitoneal LAP | Weakness + Dyspnea | Died | ([7](#_ENREF_7)) |
| 8 | Small Cell Carcinoma from Unknown Origin | 66 | Female | Liver + Peritoneal Carcinomatosis + Mediastinal LAP | Abdominal Pain | Died | ([8](#_ENREF_8)) |
| 9 | Prostate Adenocarcinoma | 49 | Male | Bone | Arthralgia + Myalgia | Survived | ([9](#_ENREF_9)) |
| 10 | Gastric Adenocarcinoma | 79 | Male | Liver + Gastrohepatic LAP | Abdominal Pain + Vomiting | Died | ([10](#_ENREF_10)) |
| 11 | Lung Small Cell Lung Cancer | 70 | Male | Liver | Back Spasms | Died | ([11](#_ENREF_11)) |
| 12 | Colorectal Adenocarcinoma | 47 | Female | Liver + Abdominal and Pelvic LAP | Abdominal Pain | Died | ([12](#_ENREF_12)) |
| 13 | Lung Small Cell Lung Cancer | 76 | Female | Liver | Lower Extremity Edema + Dyspnea | Died | ([13](#_ENREF_13)) |
| 14 | Rhabdomyosarcoma | 36 Weeks Neonate | Female | - | - | Died | ([14](#_ENREF_14)) |
| 15 | Melanoma | 59 | Male | Liver + Spleen + Adrenal + Inguinal and Pelvic LAP | Abdominal Pain + Nausea | Died | ([15](#_ENREF_15)) |
| 16 | Prostate Adenocarcinoma | 56 | Male | Liver + Spine + Pelvic Bone + Retroperitoneal, Supraclavicular, and Pelvic LAP | Abdominal Pain | Died | ([16](#_ENREF_16)) |
| 17 | Colon Adenocarcinoma | 49 | Female | Liver | Abdominal Pain + Vomiting | Died | ([17](#_ENREF_17)) |
| 18 | Ovarian Epithelial Adenocarcinoma | 49 | Female | Pleura + Peritoneal Carcinomatosis | Abdominal Pain + Vomiting | Survived | ([18](#_ENREF_18)) |
| 19 | Endometrial Adenocarcinoma | 33 | Female | Ovaries + Peritoneal Carcinomatosis | Abdominal Pain + Vomiting | Survived | ([19](#_ENREF_19)) |
| 20 | Leiomyosarcoma | 58 | Female | Lung + Peritoneal Carcinomatosis +  Mediastinal LAP | Abdominal Distention + Constipation Nausea + Dyspnea | Died | ([20](#_ENREF_20)) |
| 21 | Endometrial Adenocarcinoma | 59 | Female | Lung + Liver + Greater Omentum | Fever + Malaise | Died | ([21](#_ENREF_21)) |
| 22 | Colon Adenocarcinoma | 48 | Male | Liver | Abdominal Pain + Nausea + Anorexia + Chills | Died | ([22](#_ENREF_22)) |
| 23 | Prostate Adenocarcinoma | 69 | Male | Liver + Spine | Abdominal Pain + Vomiting + Weakness + Dizziness | Died | ([23](#_ENREF_23)) |
| 24 | Lung Small Cell Lung Cancer | 55 | Female | Liver + Mediastinal, Left Hilar, Axillary, and Supraclavicular LAP | Dyspnea | Survived | ([24](#_ENREF_24)) |
| 25 | Cervical SCC | 35 | Female | Lung + Pleura | Abdominal Pain | Died | ([25](#_ENREF_25)) |
| 26 | Lung Small Cell Lung Cancer | 53 | Male | Mediastinal and Hilar LAP | Lower Extremity Edema | Sirvived | ([26](#_ENREF_26)) |
| 27 | Osteosarcoma | 65 | Female | Lung | Abdominal Pain | Survived | ([27](#_ENREF_27)) |
| 28 | Pancreatic Adenocarcinoma | 68 | Female | Lung + Liver | Vomiting + Oliguria | Died | ([28](#_ENREF_28)) |
| 29 | Melanoma | 46 | Male | Liver + Spleen + Adrenal + Spine + Skull | Abdominal Pain + Facial Drooping | Died | ([29](#_ENREF_29)) |
| 30 | Hepatocellular Carcinoma | 26 | Female | Lung + LAP | Abdominal Pain and Distention + Tetany | Died | ([30](#_ENREF_30)) |
| 31 | Melanoma | 62 | Male | Lung + Liver + Vertebra | Back Pain | Died | ([31](#_ENREF_31)) |
| 32 | Renal Cell Carcinoma | 88 | Female | Liver + Bone | Vomiting | Died | ([32](#_ENREF_32)) |
| 33 | Testicular Cancer | 47 | Male | - | Lower Extremity Edema + Dyspnea | Died | ([33](#_ENREF_33)) |
| 34 | Lung Small Cell Lung Cancer | 65 | Male | Liver + Vertebra + Supraclavicular, Mediastinal, Hilar, Retroperitoneal LAP | Abdominal Pain and Distention | Survived | ([34](#_ENREF_34)) |
| 35 | Uterine Adenocarcinoma | 62 | Female | - | Abdominal Distention | Survived | ([35](#_ENREF_35)) |
| 36 | Pancreatic Adenocarcinoma | 56 | Female | Liver | Fatigue | Died | ([36](#_ENREF_36)) |
| 37 | GI or Ovarian Adenocarcinoma | 71 | Female | Lung + Liver + Renal + Adrenal + Skin | Skin Nodules | Died | ([37](#_ENREF_37)) |
| 38 | Colon Mucinous Adenocarcinoma | 27 | Male | Lung + Liver + Pleura + LAP | Abdominal Pain | Died | ([38](#_ENREF_38)) |
| 39 | Renal Cell Carcinoma | 56 | Male | Lung + Liver + Bone | Back Pain | Died | ([39](#_ENREF_39)) |
| 40 | Spindle Cell Sarcoma | 49 | Female | Lung + Liver + Retroperitoneal Mass | Abdominal Pain | Died | ([40](#_ENREF_40)) |
| 41 | Gastric Adenocarcinoma | 51 | Male | Liver + Bone + Adrenal + LAP | Weakness | Survived | ([41](#_ENREF_41)) |
| 42 | Cholangoicarcinoma | 66 | Male | Liver | Abdominal Pain | Survived | ([42](#_ENREF_42)) |
| 43 | Hepatocellular Carcinoma | 70 | Male | LAP | Unresponsiveness | Died | ([43](#_ENREF_43)) |
| 44 | Melanoma | 69 | Male | Liver | Rectal Bleeding | Died | ([44](#_ENREF_44)) |
| 45 | Adenocarcinoma Unknown Origin | 59 | Female | Liver + Retroperitoneal LAP | Vomiting | Died | ([45](#_ENREF_45)) |
| 46 | Hepatocellular Carcinoma | 76 | Male |  | Vomiting | Died | ([46](#_ENREF_46)) |
| 47 | Melanoma | 46 | Male | Groin and Mammary LAP | Abdominal Pain + Vomiting | Died | ([47](#_ENREF_47)) |
| 48 | Germinal Cell Tumor | 13 | Female | Peritoneum | Abdominal Distention | Survived | ([48](#_ENREF_48)) |
| 49 | Germinal Cell Tumor (Choriocarcinoma) | 22 | Male | Lung + Liver | Abdominal Distention | Died | ([49](#_ENREF_49)) |
| 50 | Hepatobastoma | 7 months | Male | - | Abdominal Distention + Vomiting | Survived | ([50](#_ENREF_50)) |
| 51 | Maxillary Sinus SCC | 53 | Male | Liver | Abdominal Pain | Died | ([51](#_ENREF_51)) |
| 52 | Lung SCC | 74 | Male | - | Anuria | Survived | ([52](#_ENREF_52)) |
| 53 | Prostate Adenocarcinoma | 72 | Male | Liver + Bone | Anorexia | Died | ([53](#_ENREF_53)) |
| 54 | Colon Adenocarcinoma | 82 | Female | Liver | Weakness | Survived | ([54](#_ENREF_54)) |
| 55 | Pheochromocytoma | 80 | Male | - | Abdominal Pain | Survived | ([54](#_ENREF_54)) |
| 56 | Hepatocellular Carcinoma | 72 | Male | - | Weakness | Died | ([54](#_ENREF_54)) |
| 57 | Germinal Cell Tumor (Endodermal Sinus) | 52 | Male | Lung + Liver + LAP | Abdominal Pain | Survived | ([55](#_ENREF_55)) |
| 58 | Germinal Cell Tumor (Seminoma) | 24 | Male | Liver + Retroperitoneal Mass | Abdominal Pain | Survived | ([55](#_ENREF_55)) |
| 59 | Gastric Adenocarcinoma | 36 | Male | Liver + LAP | Abdominal Distention | Died | ([56](#_ENREF_56)) |
| 60 | Lung Adenocarcinoma | 72 | Male | Liver | Abdominal Distention | Died | ([57](#_ENREF_57)) |
| 61 | Sacrococcygeal Teratoma | 27 Weeks Neonate | Female | - |  | Died | ([58](#_ENREF_58)) |
| 62 | Inflammatory Breast Cancer | 62 | Female | Lung + Liver + Bone Marrow | Abdominal Distention + Bone Pain | Survived | ([59](#_ENREF_59)) |
| 63 | Adenocarcinoma Unknown Origin | 50 | Male | Liver + Bone + LAP | Abdominal Distention | Died | ([60](#_ENREF_60)) |

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