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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Author [Ref] | Gender/Age | Symptoms | Location | BM disease | Interval | Cytogenetics | Treatment | Response |
| King,  1987  16 | F/36 | Jaundice/ Epigastric pain | Head of pancreas | None | 16 months before AML-M4 | Normal | AML-CT (cytarabine)  + RT | CR then relapse as AML(M4e) |
| Moreau,  1996  11 | M/32 | Jaundice/epigastric pain/ loss weight | Head of pancreas | None | Isolated | N.R | Surgery+ AML-CT  (Cytarabine+ Idarubicin) | CR |
| Marcos,  1997  17 | F/37 | Epigastric pain | Head of pancreas  (+Kidney) | Relapsed AML | Concurrent | N.R | None | Death 45 days after tumor detection |
| Mwanda,  1999  18 | M/3 | Unknown | Unknown | None | 3 months before AML | N.R | Surgery + CT | Unknown |
| Ravandi-Kashani, 1999  27 | M/31 | Jaundice/ Epigastric pain | Head of pancreas | MDS | Concurrent | Diploidy | AML-CT  (Idarubicin + cytarabine+all-trans-retinoic acid) | CR |
| Ravandi-kashani,  1999  27 | F/61 | Epigastric pain | Head of pancreas | AML | Concurrent | Trisomy8+  trisomy13 | AML-CT  (Idarubicin+Cytarabine + and lisofylline) | Relapse after 10 cycles then death |
| Dimicoli,  2002  12 | F/31 | Unknown | Unknown | None | Isolated | Normal | Surgery then RT + AML-CT when recurrence | CR then recurrence |
| Breccia,  2003  19 | F/42 | Abdominal pain | The body and the tail | MDS🡪AML | Concurrent with MDS, 10 days before AML | 47+ mar | AML-CT (Cytarabine+ Idarubicin)  then UCBT | CR after UCBT |
| Servin-Abad,  2003  20 | M/64 | Abdominal pain/ Jaundice | Unknown | Previous AML-M2 in CR | Isolated recurrence | t (8,21), del9q | CT  (Daunorubicin+ Gemtuzumab ozogamicin) | CR then died from stroke |
| Schafer HS, 2008  21 | F/75 | Abdominal pain/ Jaundice | Unknown | AML-M4eo | Concurrent | Inv 16 | CT  (Etoposide +Cytarabine, + Mitoxantrone) | Relapse after 7 months then died |
| Kawamura,  2010  28 | F/15 | Abdominal pain/ Jaundice | Unknown | De novo AML | Isolated relapse 8 months from Allo BMT | T (8,21), del9q | none | Death |
| Rong,  2010  13 | M/40 | Jaundice/ weight loss | Head of pancreas | None | Isolated | N.R | Surgery + AML-CT  (Cytarabine) | CR |
| Li,  2011  9 | F/48 | Epigastric pain/ Fever | Pancreatic tail | None | Isolated | N.R | Surgery  (RefusedCT) | Death after 3 months |
| Messager, 2012  14 | F/45 | Jaundice/ Epigastric pain | Head of pancreas | None | Isolated | N.R | Surgery +  CT (Cisplatin + Cytarabine + dexamethasone) | Early Relapse then Death |
| Messager, 2012  14 | F/19 | Epigastric pain | Head of pancreas | None | Isolated | N.R | AML-CT (Cytarabine)  + BMT | CR then relapse |
| Tabriz,  2013  22 | M/47 | Jaundice/ weight loss | Head of pancreas | Secondary AML, 6 years after Allo HSCT for AML-M2 | Concurrent with secondary AML | t(8,17) + t(17,17) | AML-CT | unknown |
| Ishii A,  2016  23 | M/19 | Epigastric pain | Head of pancreas | Relapsed AML | Concurrent with relapsed AML | Unknown | AML-CT | Unknown |
| Tokunnaga K,  2018  15 | M/34 | Epigastric pain | Body and Tail | None | Isolated | T (8,21) | AML-CT  (Idarubicin + cytarabine) | CR |
| Zhu T,  2018  29 | M/34 | Epigastric pain | Pancreatic Tail | None | Isolated | N.R | None then  AML-CT | Progression |
| AlObaibi,  2020  4 | F/57 | Epigastric pain/Jaundice/weakness | Head of pancreas | MDS in CR | Isolated | None | AML-CT | Unknown |
| Kangze,  2021  5 | F/32 | Epigastric pain | Head of pancreas | AML-M2 | Concurrent | Inv 16 | AML-CT  (Idarubicin and cytarabine) | Progression |
| Our case  (2021) | M/34 | Jaundice/ epigastric pain/ weight loss | Head of pancreas | AML-M4 | Concurrent | 47 Ch hyper-diploidy + trisomy 21 + t (3,14) | AML-CT (Cytarabin +Idarubicin) then (Cytarabin+ mitoxontron) | CR |

M=male; F= female; CR= complete remission; Allo-BMT= allogeneic Bone marrow transplant; CT= chemotherapy; N.R=not reported; UCBT= umbilical cord blood transplant; MDS= myelodysplastic syndrome