**SUPPLEMENTARY TABLE 1 – Summary of reported patients to-date with metastatic insulinoma and pre-existing diabetes mellitus**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Authors**  | **Year** | **Age, Sex** | **Site** | **Size**  | **Metastases**  | **Localization** | **Treatment**  | **Outcome** |
| Kumar et al. | 2022 | 90, MT2DM | Tail | NR | Liver | Abdomen CTSSTR scintigraphy | OctreotideLutate | Resolution of hypoglycemia with LutateResumed insulin treatmentNo recurrence and stable liver metastases at 6 years post-Lutate treatment  |
| Ciacciarelli et al. | 2020 | 66, MT2DM | Tail  | 4.3 x 2.2 cm  | Regional lymph nodesLiver  | Whole-body CT  | Diazoxide  | Death <2 weeks after diagnosis due to diazoxide renal toxicity  |
| Gjelberg et al. | 2017 | 43, FT1DM | Tail | 11.0 x 7.0 cm | Retroperitoneal lymph nodesLiverPeritoneum  | Abdomen USAbdomen CTSSTR scintigraphy | Surgical resectionStreptozotocin/5-FUOctreotideInterferon ChemoembolizationTemozolomideCapecitabine | Recurrent disease progression and various intolerances of several lines of therapyDeath 11 years after surgical resection with peritoneal carcinomatosis |
| Lablanche et al. | 2015 | 31, MT1DM | Head | 6.3 x 5.6 cm | Regional lymph nodes | Abdomen CTSSTR scintigraphy | Surgical resection | Resumed insulin treatmentNo recurrence of hypoglycemia or tumor relapse for 4-year follow-up |
| Ademoglu et al. | 2012 | 45, FT2DM | Head  | 0.9 x 1.0 cm0.8 x 0.7 cm0.7 x 0.7 cm | Regional lymph nodes | EUS | Surgical resection | Resolution of hypoglycemia Commencement of insulin and oral hypoglycemic agents for T2DMNo recurrence at 3-months  |
| Abbasakoor et al. | 2011 | 67, FT2DM | BodyTail  | 5.0 x 6.0 cm2.6 x 2.0 cm | Regional lymph nodesLiver  | Abdomen CTEUS SSTR scintigraphy | DiazoxideOctreotideSurgical resection | Resolution of hypoglycemia Recurrence-free at 9-months post-operatively |
| Ferrer-Garcia et al. | 2011 | 78, MT2DM | Head | 4.7 x 3.0 cm | Retroperitoneal / mesenteric lymph nodesMesenteric veinLiver | EUSAbdomen CTAbdomen MRISSTR scintigraphy | ChemoembolizationOctreotide Diazoxide DexamethasoneEverolimus | Recurrent hypoglycemia until control after 6 months of EverolimusResumed insulin treatmentStable liver metastases  |
| Grycewicz et al. | 2010 | 60, FT2DM | NF | NF | Para-aortic / mesenteric lymph nodesLiver | Abdomen USAbdomen CTSSTR scintigraphy | OctreotideY-90 DOTATATEDiazoxide | Resolution of hypoglycemia with DiazoxideCommencement of insulin treatmentNo recurrence at 6-months  |
| Campos-Olive et al. | 2010 | 76, MT2DM | Head | 4.7 x 3.0 cm | Retroperitoneal / mesenteric lymph nodesLiverSuperior mesenteric vein | Abdomen CTAbdomen MRIEUSSSTR scintigraphy | ChemoembolizationOctreotide Diazoxide | Improvement of hypoglycemia with Diazoxide Persistent mild hypoglycemia 12-months after diagnosis  |
| Schmitt et al. | 2008 | 79, FT2DM | BodyTail | NR | Liver | Abdomen US Abdomen CT | DiazoxideLanreotide | Death 2 weeks after diagnosis due to diazoxide related renal and liver toxicity and hyponatremia  |
| Siraj et al. | 2006 | 74, FT2DM | Tail | 7.3 x 5.7 cm | Liver | Abdomen CT Abdomen MRI  | Surgical resectionDiazoxideOctreotide | Death 3 years after diagnosis with progressive metastatic disease and recurrent hypoglycemia  |
| Svartberg et al. | 1996 | 33, FT1DM | Tail  | NR | LiverRight ovary  | Exploratory laparotomy | Debulking surgeryDiazoxideInterferonStreptozotocinDoxorubicinOctreotide | Recurrent hypoglycemia failing multiple lines of therapy Death 2 years after diagnosis |
| Atkinson et al. | 1978 | 43, MT2DM | NR | NR | Liver | Laparotomy  | Streptozotocin | Resumed insulinRecurrence of hypoglycemia at 12 monthsDeath 18 months after initial treatment |
| Taylor et al. | 1970 | 70, MT2DM | Tail | NR | Liver | Laparotomy | Surgical resectionDiazoxidePrednisoneStreptozotocin | Resolution of hypoglycemia with StreptozotocinResumed insulin treatment No recurrence at 8-months post Streptozotocin |

NR = not reported; NF = not found; M = male; F = female; T2DM = type 2 diabetes mellitus; T1DM = type 1 diabetes mellitus; CT = computed tomography; US = ultrasound; MRI = magnetic resonance imaging; SSTR = somatostatin receptor; 5-FU = 5-fluorouracil.

This table summarises the 14 cases published to-date (including our case) of metastatic insulinoma in pre-existing diabetes in reverse chronological order, including authors, year of publication, patient demographics and type of diabetes, location and size of pancreatic primary, distribution of metastases, localization strategies, treatments and outcomes.