

Supplementary material

Table S1. Search strategy

PUBMED
(anti-VEGF or "antiangiogenic" or "anti-angiogenic" or bevacizumab or sorafenib or sunitinib or cabozatinib or propranolol or axitinib or afibbercept or dovitinib or lenvatinib or nintedanib or pazopanib or ponatinib or ramucirumab or regorafenib or rivoceranib or tivozatinib or trebananib or vandetanib) AND (pharmacovigilance OR "spontaneous reporting system" OR pharmacovigilance[mesh] or pharmaco-vigilance OR vigibase OR faers OR eudravigilance OR "spontaneous reporting"[title/abstract] OR "case/non-case") AND (Tumor or cancer or tumors or cancers or tumor[mesh]) NOT ("Phase I"[title] OR "Phase 1"[title] OR "Phase II"[title] OR "Phase III"[title] OR "Phase 2"[title] OR "Phase 3"[title] OR "clinical trial"[publication type])
WEB OF KNOWLEDGE
All fields: anti-VEGF or "antiangiogenic" or "anti-angiogenic" or bevacizumab or sorafenib or sunitinib or cabozatinib or propranolol or axitinib or afibbercept or dovitinib or lenvatinib or nintedanib or pazopanib or ponatinib or ramucirumab or regorafenib or rivoceranib or tivozatinib or trebananib or vandetanib AND all fields: pharmacovigilance OR "spontaneous reporting system" OR pharmaco-vigilance OR vigibase OR faers OR eudravigilance OR "spontaneous reporting" OR "case/non-case" AND all fields: tumor or cancer or tumors or cancers NOT title: "Phase I" or "Phase 1" OR "Phase II" OR "Phase III" OR "Phase 2" OR "Phase 3"

Figure S2

Other Adverse events reported in SRSs studies

Reference	ADR	Database	Drug	Type of analysis	Disproportionality value	95% CI LOW	95% CI UP	Time to onset (days)	Range
Yoshida et al., 2022	Hand-foot syndrome	JADER	Axitinib	ROR	14.9	11.1	20.1	NR	NR NR
Yoshida et al., 2022	Hand-foot syndrome	JADER	Bevacizumab	ROR	1.6	1.2	2.1	NR	NR NR
Yoshida et al., 2022	Hand-foot syndrome	JADER	Lapatinib	ROR	130.4	110.7	153.6	NR	NR NR
Yoshida et al., 2022	Hand-foot syndrome	JADER	Lenvatinib	ROR	4.2	2.8	6.4	NR	NR NR
Yoshida et al., 2022	Hand-foot syndrome	JADER	Pazopanib	ROR	6.1	4.3	8.7	NR	NR NR
Yoshida et al., 2022	Hand-foot syndrome	JADER	Regorafenib	ROR	63.3	55.2	72.6	9	6 14
Yoshida et al., 2022	Hand-foot syndrome	JADER	Sorafenib	ROR	29	25.8	32.7	9	6 14
Yoshida et al., 2022	Hand-foot syndrome	JADER	Sunitinib	ROR	13.9	11.7	16.5	NR	NR NR
Zhang et al., 2015	Osteonecrosis of the jaw	FAERS	Axitinib	ROR	0.8	0.4	1.5	NR	NR NR
Zhang et al., 2015	Osteonecrosis of the jaw	FAERS	Bevacizumab	ROR	4.5	4.2	4.9	NR	NR NR
Zhang et al., 2015	Osteonecrosis of the jaw	FAERS	Pazopanib	ROR	1.3	0.7	2.5	NR	NR NR
Zhang et al., 2015	Osteonecrosis of the jaw	FAERS	Sorafenib	ROR	1.5	1.2	1.9	NR	NR NR
Zhang et al., 2015	Osteonecrosis of the jaw	FAERS	Sunitinib	ROR	4.6	4.2	5.1	NR	NR NR
Liao et al., 2021	Hyperthyroidism	FAERS	Axitinib	ROR	1.79	1.08	2.98	NR	NR NR
Liao et al., 2021	Hyperthyroidism	FAERS	Cabozantinib	ROR	2.8	2.04	3.83	NR	NR NR
Liao et al., 2021	Hyperthyroidism	FAERS	Lenvatinib	ROR	3.28	2.23	4.82	NR	NR NR
Liao et al., 2021	Hyperthyroidism	FAERS	Pazopanib	ROR	2.94	2.29	3.79	NR	NR NR
Liao et al., 2021	Hyperthyroidism	FAERS	Ponatinib	ROR	2	1.14	3.54	343	135 596
Liao et al., 2021	Hyperthyroidism	FAERS	Regorafenib	ROR	2.55	1.58	4.11	11	5 39
Liao et al., 2021	Hyperthyroidism	FAERS	Sorafenib	ROR	1.72	1.19	2.48	NR	NR NR
Liao et al., 2021	Hyperthyroidism	FAERS	Sunitinib	ROR	2.78	2.27	3.42	NR	NR NR
Liao et al., 2021	Hyperthyroidism	FAERS	Vandetanib	ROR	-			NR	NR NR
Liao et al., 2021	Hypothyroidism	FAERS	Axitinib	ROR	7.44	6.09	9.09	NR	NR NR
Liao et al., 2021	Hypothyroidism	FAERS	Cabozantinib	ROR	5.54	4.63	6.63	NR	NR NR
Liao et al., 2021	Hypothyroidism	FAERS	Lenvatinib	ROR	13.47	11.54	15.72	12	4 32
Liao et al., 2021	Hypothyroidism	FAERS	Pazopanib	ROR	2.71	1.01	7.23	NR	NR NR
Liao et al., 2021	Hypothyroidism	FAERS	Ponatinib	ROR	2.86	1.96	4.18	429	46 947
Liao et al., 2021	Hypothyroidism	FAERS	Regorafenib	ROR	3.52	2.55	4.87	NR	NR NR
Liao et al., 2021	Hypothyroidism	FAERS	Sorafenib	ROR	3.09	2.48	3.84	NR	NR NR
Liao et al., 2021	Hypothyroidism	FAERS	Sunitinib	ROR	11.53	10.6	12.54	NR	NR NR
Liao et al., 2021	Hypothyroidism	FAERS	Vandetanib	ROR	2.71	1.01	7.23	NR	NR NR