

Author	Indication for Treatment	Start of Treatment (Gestational Weeks)	Maximal Tumor Size	Sirolimus Dose (mg/d)	Sirolimus Blood Level (ng/ml)
Park et al. 2019 [12]	Pulmonary LAM in mother	23	Multiple tumors max. diam. 12.4 mm	12 (until delivery)	Mother p.p.: 25.0 Cord blood: 33.2
Barnes et al. 2018 [10]	Bilateral outflow obstruction SVT Impending hydrops fetalis	30	Multiple tumors 320/290 mm ²	Not specified	Target trough: 10 –15 Mother p.p.: 6.9 Cord blood: 11.3
Pluym et al. 2019 [11]	LV inflow obstruction Mitral valve regurgitation Pericardial effusion Impending hydrops fetalis	28	Multiple tumors 45 x 35 mm	6–10 (Stop 1 week before delivery)	Maternal trough level: 11.6 – 18.6 Mother p.p.: 3.4 Cord blood: 3.3
Vachon-Marceau et al. 2019 [13]	Biventricular dysfunction Tricuspid valve insufficiency Pericardial effusion	31 + 4 days	Multiple tumors 47 x 39 mm	5–8	Target trough level: 10 – 15
Ebrahimi-Fakhari et al. 2021 [14]	LV outflow obstruction	35 + 2 days	Multiple tumors Size not specified	3	Maternal trough level: 6.1
Ebrahimi-Fakhari et al. 2021 [14]	Tumor encapsulating LV	33 + 1 day	Multiple tumors 39 x 34 x 28 mm	3	Maternal trough level: 3.7
Ebrahimi-Fakhari et al. 2021 [14]	LV outflow obstruction	34	Multiple tumors Size not specified	6	Maternal trough level: 10.85 +/- 1.26 SD
Dagge et al. 2022 [15]	RV outflow obstruction Tricuspid valve insufficiency SVT	26	Single tumor 180 mm ²	4–10	Maternal trough level: Target 10 – 15; max. 16.7
Will et al. (this study)	Tricuspid valve stenosis + insufficiency RV decompensation Pericardial effusion	27	Multiple tumors 21,5 x 39,7 mm (RA) 18,5 x 29,9 mm (RV)	4 (Stop 8 days before delivery)	Maternal trough level: 8.4 – 9.9 Mother p.p: 1.16 Cord blood: 1.59

Table S1. Cases reported on prenatal sirolimus treatment for fetal rhabdomyoma. LV, left ventricle; RA, right atrium; RV, right ventricle; LAM, lymphangioleiomyomatosis; max. diam.; maximal diameter; p.p., post partum; SVT, supraventricular tachycardia.

