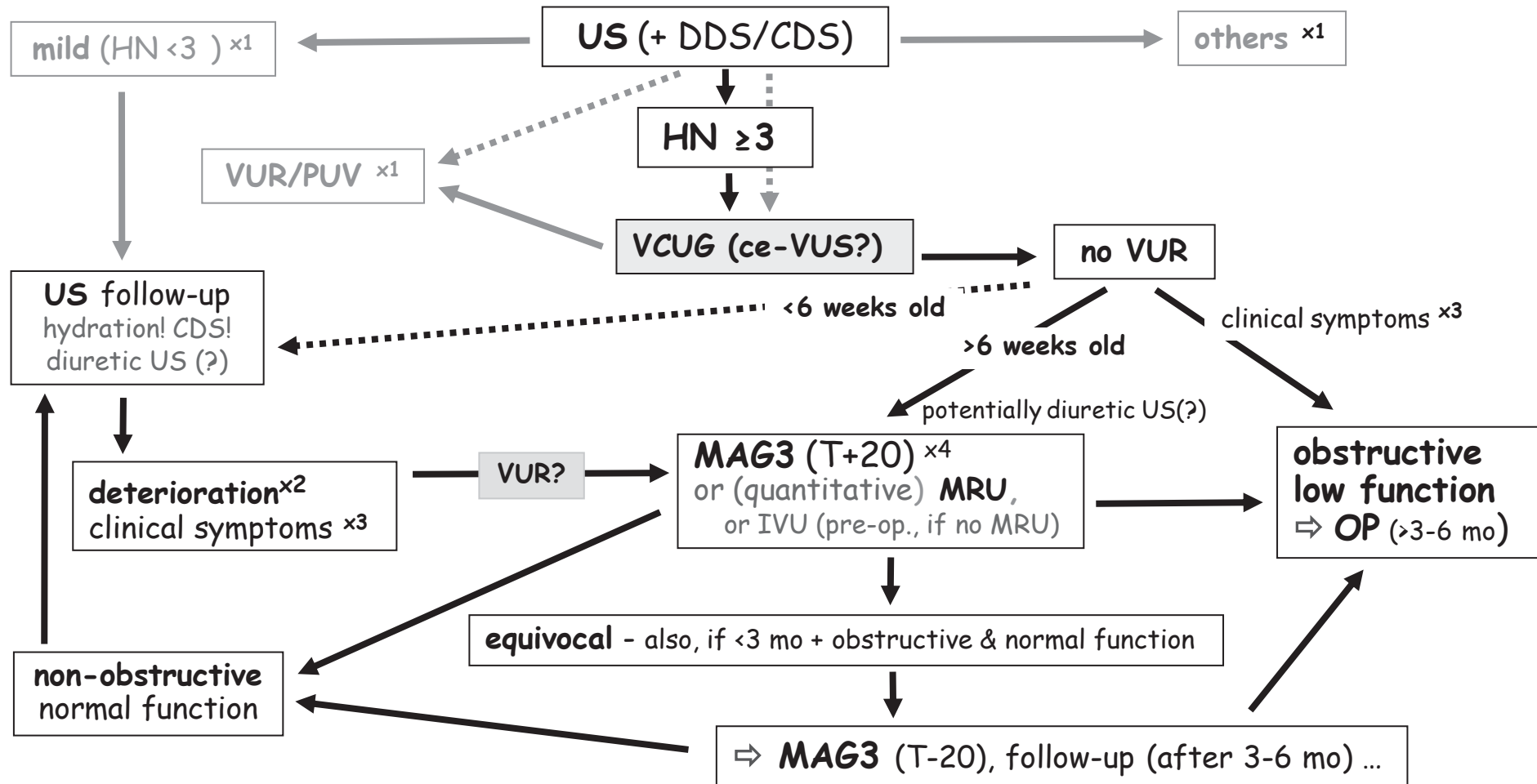


Imaging algorithm in infants & children with suspected obstructive uropathy



x1 as appropriate, see also respective algorithm

x2 Proposed imaging criteria for deterioration: - on MAG 3: decreased (split) renal function & drainage, contra-lateral hypertrophy

- on US increasing dilatation, decreasing parenchymal width, echotecture, contra-lateral hypertrophy

• decreased vascularisation (on aCDS), asymmetrically elevated RI (on PW-DDS), reduced peristalsis (in MU) or ureteric jet (asymmetrically in unilateral disease)

x3 Clinical criteria for deterioration: pain, infection, haematuria, (kidney) growth failure, hypertension

x4 assess drainage pattern and (split renal) function