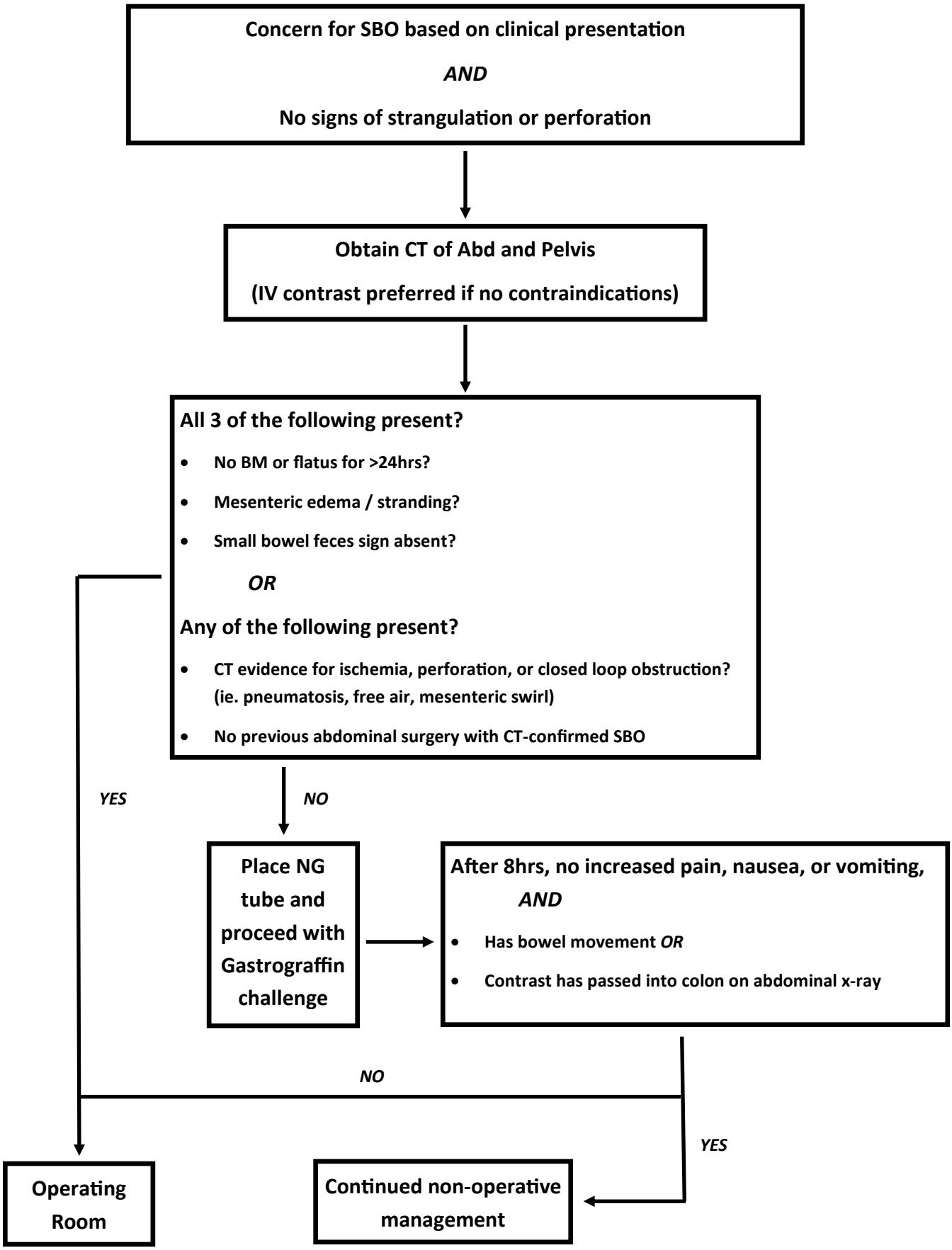Gastrograffin Challenge Algorithm