



grouped in 4 clusters HOX1-4. Other genes condition the forming of different structures. The most important pathways are Shh, Wnt, FGF, Notch, and BMP. Instead of recognition that periconceptional folic acid supplementation in reproductive age women decreases the risk of fetal neural tube defects (NTDs), these malformations remain as the second most collective serious fetal birth defect in the United States, are mostly surpassed only by congenital heart defects. Methods castoff to detect neural tube defects are now a component of