عنوان فارسی مقاله:
ناهنجاری‌های مادرزادی متعدد در گوساله

عنوان انگلیسی مقاله:
Multiple congenital anomalies in a calf
This case report includes descriptions of several unique features in the pathology of bovine fetal malformation and is one of the first to report vulvar atresia, anotia, and dermal hamartomas in a calf. Additionally, the extent and multitude of malformations in this live-born calf, with a total of 14 separate congenital abnormalities affecting 6 different organ systems, is remarkable. The cause(s) of these abnormalities could not be determined, but viral agents and toxins seemed unlikely. The production of this calf using in vitro fertilization was considered a possible cause. Because the calf was not a transgenic animal, insertional genetic defects also were considered unlikely.