Let $k$ be a positive integer, and let $\mathcal{F}$ be a family of meromorphic functions defined in a domain $D \subset \mathbb{C}$, all of whose zeros have multiplicity at least $k$, and there exists $M > 0$ such that $|f^{(k)}(z)| \leq M$ whenever $f(z) = 0$ for $f \in \mathcal{F}$. If $\mathcal{F}_k = \{f^{(k)} : f \in \mathcal{F}\}$ is normal, then $\mathcal{F}$ is also normal in $D$. Some applications of this result are given.