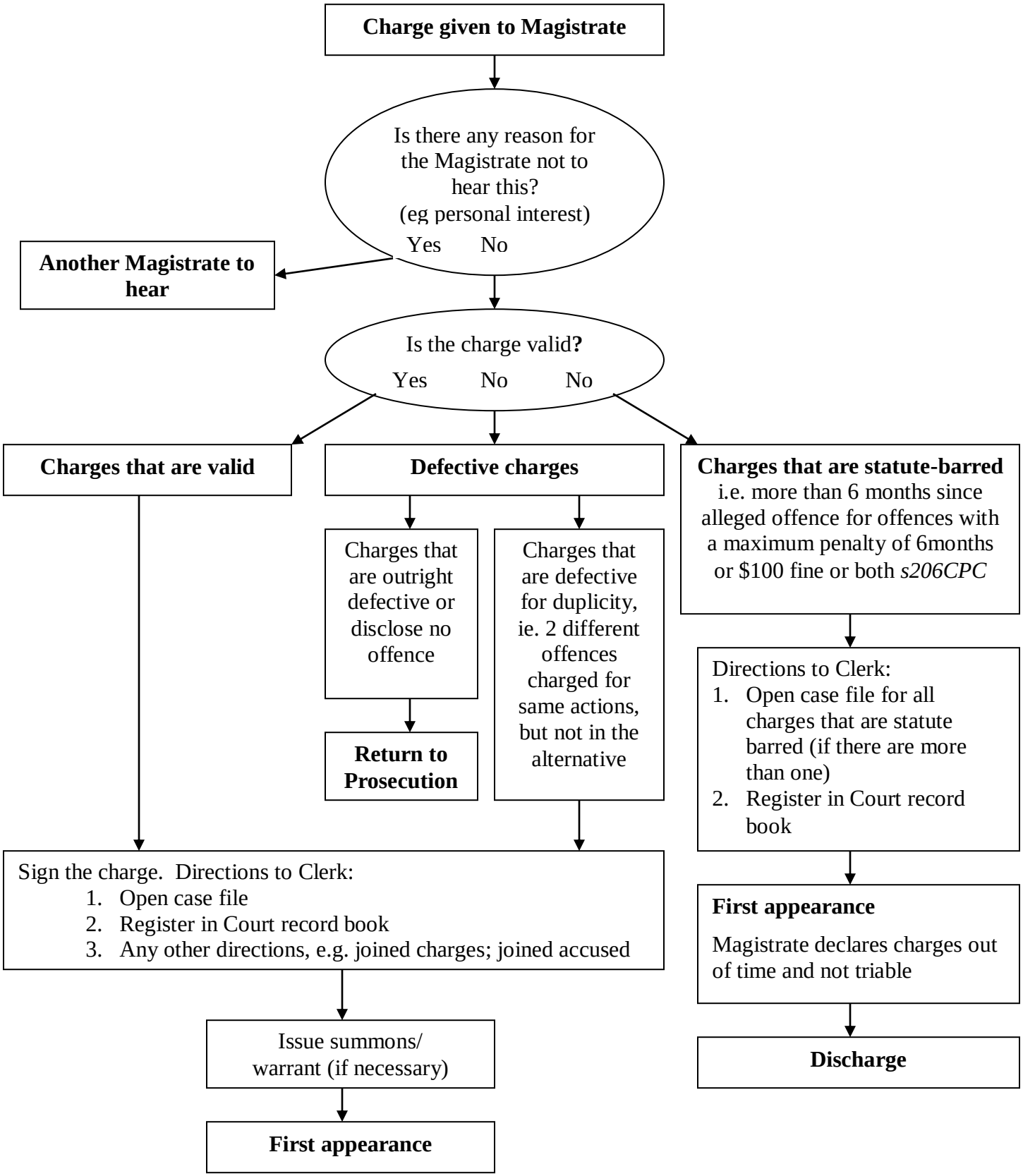Process up to first appearance