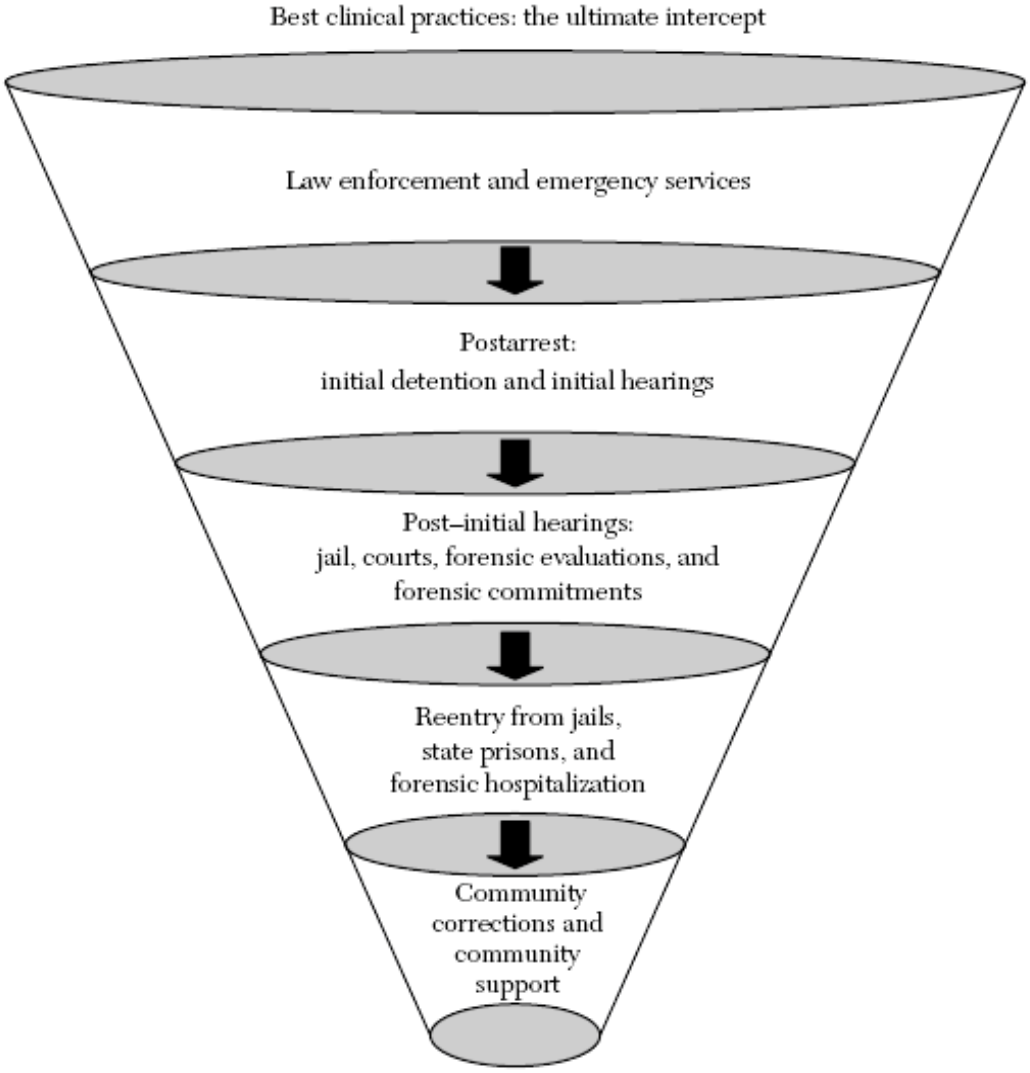The Sequential Intercept Model viewed as a series of filters