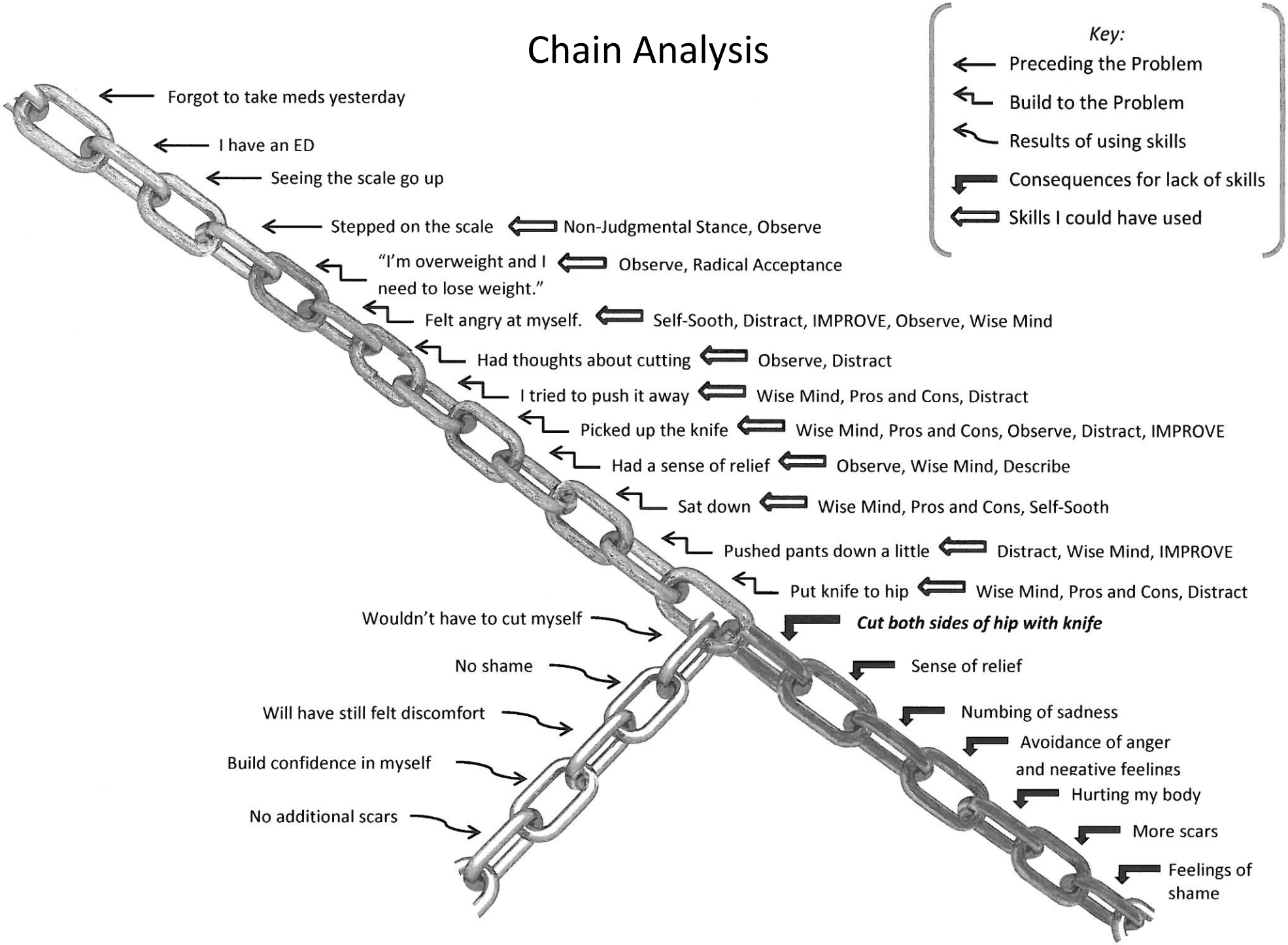Chain Analysis