

The present invention concerns an injection device (110) with a housing (112) adapted to receive a syringe (114) having a discharge nozzle (118), the housing having an indicator opening (113). There is a trigger (111) and a forward drive (132) arranged to act upon the syringe on actuation of the trigger to advance the syringe from a retracted position to an extended position thereby discharging the contents of the syringe through the discharge nozzle. A support member (122) is in contacting juxtaposition with the housing and a return drive (126) is supported by the support member and arranged to act upon the syringe after the contents of the syringe has been discharged so that the syringe can be withdrawn from the extended position to the retracted position. Advantageously, the support member is arranged in the housing so that the second drive does not obscure an inspection of the contents of the syringe through the indicator opening. Hence, it can be clearly determined whether the contents of the syringe have been expelled from the syringe.