CLAIMS

1. An injection site for tubular medical connectors (1), comprising a perforable body (7) inserted in a seat (4) of the connector (1) delimited by an annular wall (5) having a retention edge (8) turned in against an outer end (9) of said perforable body (7), wherein said outer end (9) of the perforable body (7) is formed with a peripheral annular step (10) for engagement of said turned-in retention edge (8) of said wall (5) of the connector (1), and with an exposed portion with reduced cross section (11) projecting axially beyond said annular step (10), said injection site being characterized in that said peripheral step (10) is defined by an annular groove (12) having a shape complementary to that of said turned-in retention edge and in that said portion with reduced cross section (11) of said perforable body (7) connects up to said groove (12) through an annular surface (13) projecting radially above at least part of said turned-in retention edge (8) and resting thereagainst.

2. The injection site according to Claim 1, characterized in that said annular resting surface (13) has a tapered profile.

3. The injection site according to Claim 1 or Claim 2, characterized in that said turned-in retention edge (8) of said wall (5) of the connector (1) and said annular groove of the outer end (9) of the perforable body (7) have a rounded shape.

CLAIMS

1. An injection site for tubular medical connectors, comprising:

a non-slitted perforable body configured for perforation by a needle during use, said perforable body received in a seat of a connector delimited by an annular wall having a turned-in retention edge turned in against an outer end of said perforable body;

said perforable body having a first end opposite said outer end and a side wall lateral to said first end;

said outer end of the perforable body having a peripheral annular step for engagement of said turned-in retention edge of said annular wall of the connector;

said peripheral annular step extending inwardly from said side wall;

said peripheral annular step bounded by an annular groove having a rounded wall complementary to that of said turned-in retention edge; and

said outer end having an exposed portion with a reduced cross section projecting axially beyond said peripheral annular step in an axial direction parallel to a longitudinal axis of said connector and away from said seat, said exposed portion projecting in said axial direction beyond said turned-in retention edge;

said annular groove extending from said peripheral annular step to connect to a lip of said exposed portion;

said lip projecting radially above said turned-in retention edge such that an outermost radial extent of said lip is radially inward of an outermost radial extent of said peripheral annular step.

2. The injection site according to Claim 1, wherein said lip has a tapered profile.

3. The injection site according to Claim 1, wherein said turned-in retention edge of said annular wall of the connector and said annular groove of the outer end of the perforable body have a rounded shape.

4. The injection site according to Claim 2, wherein said turned-in retention edge of said annular wall of the connector and said annular groove of the outer end of the perforable body have a rounded shape.

5. The injection site according to Claim 1 wherein said outer end has a smaller diameter than a remaining portion of said perforable body extending away from said outer end toward an annular rest of said seat.

6. The injection site according to Claim 1 wherein said turned-in retention edge extends radially inward from said annular wall and has an arc shaped inner surface for contacting said peripheral annular groove, said turned-in retention edge having a terminal end located radially outward of said exposed portion.

7. The injection site according to Claim 1 wherein said exposed portion comprises a planar portion and said lip tapers radially outwardly from said planar portion.