What is claimed is:

1. A clamp device for clamping a barb fitting having a barbed region for disposing within an end of a tube having an outer surface, said device comprising:

a flexible member comprising a body having a plurality of spaced slits, defining therebetween a plurality of flexible finger members compressible between a first resting position and a second clamping position, at least one of said plurality of flexible finger members having a radially inwardly extending tooth, said body having a through bore and an outer surface comprising threads, said flexible member being slidable over said barbed region of said barb fitting and over said outer surface of said tube; and

a compression member having a body, said body having a through bore and an inner surface comprising threads, said compression member being slidable over said outer surface of said tube and over at least a portion of said flexible member;

wherein the compression member is capable of being threadingly disengaged from the flexible member in a non-destructive manner, wherein no special tools are necessary to assemble or disassemble the clamp device and upon threadingly engaging by friction said compression member with said flexible member, the compression member is capable of compressing the plurality of flexible finger members into a

discontinuous annular ring against the barb fitting, creating a seal.

2. The clamp device of claim 1, wherein the threads on said flexible member extend to said at least one finger member.

3. The clamp device of claim 1, wherein each of said plurality of finger members has a radially inwardly extending tooth.

4. The clamp device of claim 1, wherein said threads on said body of said flexible member extend to said finger members.

5. A method of securing a barb fitting having a barbed region within a tube, said method comprising:

attaching said barb fitting to said tube such that said barbed region is inside said tube;

providing a flexible member comprising a body having a plurality of finger members compressible between a first resting position and a second clamping position, at least one of said flexible finger members having a radially inwardly extending tooth, said body having a through bore and an outer surface comprising threads,

providing a compression member having a body, said body having a through bore and an inner surface comprising threads;

sliding said flexible member over said outer surface of said flexible tube and over said barbed region of said barb fitting;

sliding said compression member over said outer surface of said flexible tube towards said flexible member; and

threadingly engaging said compression member upon threadingly engaging by friction, wherein the compression member is capable of being threadingly disengaged from the flexible member in a non-destructive manner, wherein no special tools are necessary to assemble or disassemble the clamp device and said flexible member compresses said finger member against said barb fitting, creating a seal.