A tangle $T$ contained in the 3-ball embeds in a link $L$ in $S^{3}$ if there is a 3-ball $B \subset S^{3}$ such that $B \cap L$ is the tangle $T$. More generally, one can extend the notion of tangle embedding to tangles contained in another submanifold of the 3 -sphere, such as an unknotted solid torus. We refer to tangles inside an unknotted solid torus as torus tangles, and discuss some obstructions to embedding torus tangles in links. (Received January 17, 2012)

