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| Muscle |  |  |  |
| Tendons | Tendinosis | Hypoechoic, focal or diffuse, abnormally thickened  Loss of compact fibrillar structure and possibly regions of fiber disruption |  |
|  | Tearing | Can differentiate partial- vs full-thickness tear | if tear is present, fluid does not move  with joint movement as intact fibers would |
|  | Tenosynovitis  or peritendinitis | Thickened tendon sheath or peritendon with Increased fluid |  |
| **Bursitis** |  | Small amounts of fluid may  be overlooked if the examination is performed with too much  compression. |  |
| Ligaments | Low-grade ligament injury | May be normal or thickened, hypoechoic |  |
|  | intermediate or high-  grade ligament injury | Fibre disruption, surrounding hematoma or fluid |  |
| Nerve | Neuritis | Abnormal nerve enlargement, fascicular swelling, blurring of the interstitium, perineural thickening (in the chronic state)  Possible scarring in entrapment cases |  |