

LOWER LIMB.

ARTICULATIONS, KNEE-JOINT—No 3.

RIGHT KNEE-JOINT, WITH TENDONS, ETC., FROM BEHIND.

The knee-joint is strengthened by the numerous tendons which pass over it on all sides. Thus on the inner side at the back are the tendons of the *semitendinosus*, *semimembranosus*, *adductor gracilis* and *sartorius*, with the inner head of the *gastrocnemius*, and on the outer side the *biceps*, outer head of the *gastrocnemius*, with the *plantaris*, and the *popliteus*.

The posterior ligament of the joint is further strengthened by a strong oblique band derived from the tendon of the *semimembranosus*.

The figures indicate—

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| 1. Semimembranosus muscle and tendon. | 6. and 7. Popliteus muscle. |
| 2. Semitendinosus tendon. | 8. Ligamentum posticum. |
| 3. Short head of the biceps, and its tendon of insertion. | 9. Tendon of the adductor magnus. |
| 4. Outer head of the gastrocnemius with the plantaris. | 10. Vastus externus muscle. |
| 5. Inner head of the gastrocnemius. | 11. Adductor gracilis tendon. |
| | 12. Sartorius muscle. |
| | 13. Origin of the extensor longus digitorum. |

