

### **The Anatomy Glove Learning System (AGLS) for Student/Clinician/Patient Education**

The system consists of one **glove** per learner and online instructional **videos**. Users **wear** the glove on the non-dominant hand and **watch** the video instruction to **draw** the muscles onto the glove using permanent, fine-tipped markers. A right-handed user wears a left glove and a left-handed user wears a right glove. Using permanent, coloured markers, the muscular anatomy is drawn on top of the bones, from deep to superficial.

When you make your purchase, indicate how many gloves you want for right-handed persons and how many for left-handed persons. Contact us to discuss student volume pricing.

#### **Developed by:**

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#### **Learning Objectives:**

- Understand the detailed, three-dimensional anatomy of extrinsic and intrinsic hand muscles, including specific attachment sites and the dorsal apparatus (extensor expansion).
- Understand the function, biomechanics and innervation of the muscles
- Understand anatomical basis of selected injuries



#### **Designed for:**

- Clinicians
- Students
- Educators

#### **Uses:**

- Classroom
- Self-directed learning
- Continuing Education
- Flipped classrooms
- Patient education
- CHT Exam Prep

### **Consider how you can the AGLS**

- To enhance therapist's knowledge of functional hand anatomy – EARN CE HOURS!
- To help students on placement enhance knowledge of hand anatomy
- As a group activity at a hand therapy meeting
- As an in-class/workshop/lab activity – online videos are viewed in class with a projector or on computers shared by learners – allow about 2 hours for viewing the videos (45 minutes in length) and drawing the structures in one session – the videos could be presented in stages, allowing learners to draw a few structures at a time, over a number of classes
- As a pre-class activity – learners watch the online videos and draw the muscles onto their gloves, at their own pace – again, learners can draw the structures over a period of time – a follow-up class can be used to present clinical situations or clarify function of structures on the glove
- Will you want to evaluate the students' drawn gloves, perhaps attributing a small percent of a course mark?
- If you do not want to make the AGLS a formal part of a course, you can make learners aware of this learning resource. They can make arrangements for a group discounted purchase and access to the online videos by contacting [info@anatomysoftwear.com](mailto:info@anatomysoftwear.com).

The **videos** present the following:

- The hand anatomy on dissected specimens
- The bony and soft tissue surface anatomy
- Instructions to draw the muscles on the glove
- The function and innervation of muscles
- A description of common clinical conditions related to the anatomy

The videos run for about 45 minutes. However, since learners are drawing for some of that time, allow about 1.5 - 2 hours to complete the video viewing and glove drawing.



*"By far the best teaching tool to help students learn the intricacies of hand anatomy, movement and function." I highly recommend this tool to students, educational facilities and teachers" Certified Hand Therapist and Educator*

These gloves were drawn by learners while watching the online instructional videos.