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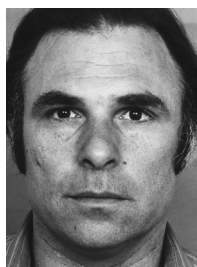
## Action Unit Combination – 14+17

### A. Appearance Changes due to AU Combination 14+17

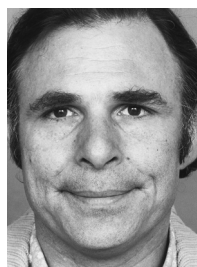
Most of the appearance changes described separately for AUs 14 and 17 are combined additively, although each of these appearance changes becomes less evident in the combination, and the shape of the lips is different from what is produced by either AU alone.

1. Tightens the corners of the mouth, may pull the corners inwards to a limited extent, narrowing the lip corners.
2. Produces wrinkles and/or a bulge at the lip corner.
3. May cause a dimple-like wrinkle beyond the lip corner.
4. Pulls the lip corners laterally and straight.
5. May deepen to a limited extent the lower portions of the nasolabial furrow.
6. Pushes the chin boss and lower lip upwards, narrowing the red parts of the lips.
7. May cause wrinkles to appear on the chin boss as skin is stretched, and may produce a depression medially under the lower lip.
8. The shape of the lips varies, depending on the relative strength of 14 and 17.

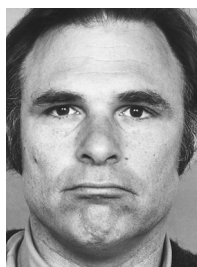
Compare images 14, 17 and 14+17 to see the effects of 14 and 17. Inspect the video of 14+17. Note how the addition of 17 to 14 narrows the red part of the lips (which are not narrowed in 14 alone). Note how the addition of 14 to 17 straightens the shape of the lips which are not as curved as they are in 17 alone.



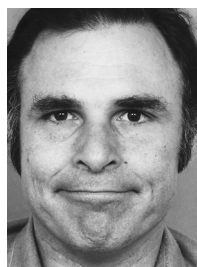
0 [page 465](#)  
[page 381](#) for score



14 [page 481](#)  
[page 396](#) for score



17 [page 475](#)  
[page 390](#) for score



14+17 [page 483](#)  
[page 398](#) for score



video 14+17  
[page 420](#) for score

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### B. How to do AU Combination 14+17

Follow the instructions for AU 14 and for AU 17, repeated below, and do the actions together to produce 14+17.

**AU 14** (repeated from [page 149](#)): Try to make a dimple in your cheek appear. If you can do it, squeeze very hard, pressing your cheeks against your teeth. Alternatively, try to tighten the corners of your lips so they are pulled inwards, squeezing inwards with your cheeks so they press on your teeth. Try 14 on only one side of your face.

**AU 17** (repeated from [page 98](#)): This movement is easy to do. Push your lower lip upwards. Note the wrinkles in your chin, and the change in the shape of the lower lip. If you are unable to make this movement, place your fingers on your chin about in the middle and push the skin upwards, noting the changes that occur. Now try to hold this appearance when you take your fingers away.

### C. Intensity scoring for AU Combination 14+17

The intensity criteria for 14 are unchanged from those for 14 alone and are repeated below; those for 17 are set somewhat higher for a given level as provided below.

#### AU 14A

The appearance changes for AU14 are sufficiently present to indicate AU 14, but are insufficient to score 14B (e.g., a *trace* of tightening of the lip corners and with a *trace* of muscle bulging and wrinkling at the lip corners).

#### AU 14B

1. *Slight* evidence of tightening of the lip corners, pulling the corners somewhat inwards.  
and
2. At least one of the following signs:
  - a. *Slight* wrinkles at lip corners extending the line between the lips, which are parallel or perpendicular to lips, or which angle down or up; if these wrinkles are permanent, they must increase *slightly*.  
or
  - b. *Slight* muscle bulge at lip corners.  
or
  - c. *Slight* dimple-like wrinkle beyond lip corners; if permanent, it must increase *slightly*.

#### AU 14C

At least *marked* evidence of lip corner tightening and at least *marked* evidence of lip corner wrinkling, lip corner bulging, or dimpling, but the evidence is less than the criteria for 14D.

#### AU 14D

At least *severe* evidence of lip corner tightening and at least *severe* evidence of lip corner wrinkling, lip corner bulging, or dimpling, but the evidence is less than the criteria for 14E.

#### AU 14E

*Maximum* evidence of lip corner tightening and *maximum* evidence of lip corner wrinkling, lip corner bulging, or dimpling.

The intensity criteria for AU 17 in 14+17 are changed as follows.

#### AU 17A in 14+17

The appearance changes for AU 17 are sufficiently present to indicate AU 14+17, but are insufficient to score 14+17B (e.g., a *trace* of lower lip pushed up to narrow the lip plus a *trace* of chin boss wrinkling and upward movement).

#### AU 17B in 14+17

1. *Slight* evidence that lower lip has been pushed up beyond the movement required to close the lips, narrowing the lips; if lower lip protrudes in front of upper lip, lip narrowing is not required.  
and
2. *Slight* chin boss wrinkling or puckering and upward movement of chin boss. If the chin boss is permanently wrinkled, it must increase *slightly*.

**AU 17C in 14+17**

The pushing up of the lower lip and the wrinkling/puckering of the chin boss are both evident and both are at least *marked*.

**AU 17D in 14+17**

The pushing up of the lower lip and the wrinkling/puckering of the chin boss are both evident and both are at least *severe*.

**AU 17E in 14+17**

The pushing up of the lower lip and the wrinkling/puckering of the chin boss are both in the *maximum* range.