

## ATTACHING THE CLUSTERS

### Task Description:

The milking cluster has to be supported whilst the teat cups are put on the teats.

### Comments of the employee:

- *'After repeated attachments, the weight of the cluster seems to increase whilst supporting the weight by one arm and manipulating the teat cups on to the teats with the free hand.'*

### MSD risks:

- Holding the weight of the cluster with an extended arm posture
- Extending the other arm to put on the teat cups

### Exposed areas:

- Hand / Wrist
- Arm / Shoulder
- Neck / Back

### Solutions:

Provide a device which carried most of the weight of the cluster. The spring-loaded, long-travel arm carries the weight of the cluster so the milker has to perform only the precision task of putting the teat cups on the teats.



### Comments of the employer after installation of the supporter arm:

- *'It is possible to feel the relief in the arm and shoulder muscles and in the back.'*