



Facts about dissemination of coronavirus through droplet

The new coronavirus is not airborne, but is transmitted through droplet and contact transmission.

Facts about droplet transmission:

Transmission takes place from person to person via small droplets from the respiratory tract, spread through coughing and sneezing. As droplets from the respiratory tracts fall to the ground within 1-2 metres, the risk of droplet transmission is reduced effectively by keeping your distance.

Infected persons can discharge virus in the days up to the development of symptoms, but also in cases when they do not develop symptoms. The largest discharge of virus seems to be in the first days with symptoms. The largest risk of transmission is assumed to be from persons with symptoms who cough, sneeze etc.

In case of usual conversation, the droplet transmission from carriers is negligible, but the risk of droplet transmission is increased in case of singing, loud conversation, shouting, uncontrolled sneezing and coughing etc.

Contact transmission is prevented by good hygiene
– see the separate fact sheet about this.

What can you do to restrict infection?

First and foremost, ensure that all can work at a distance of at least 1 metre from each other. That applies to both indoor and outdoor work. 2 metres are required when the risk of droplet transmission is increased.

If it is not possible to keep the distance, you must make other effective measures to restrict transmission. That may be shielding, use of face covering/face masks or rules for social conduct. Such as turning your heads away when you pass one another in a narrow gangway. There may also be restrictions to how many may stay in a room at the same time. Transmission can also be restricted by planning the work in permanent teams.

Be aware if there is noise in the working area and if the employees have to communicate much and loudly during work.

In particular about face covering/face masks and face shields

In situations where you cannot comply with distance requirements and have to use barriers, the use of face covering is recommended for all. This means that if a colleague coughs/sneezes in an uncontrolled way, the droplets end up on the inside of the face covering and not in the eyes of the colleague where transmission can take place through the mucosa. Disposable face coverings are discarded after use or if they become moist.

If not all use face covering in the working situation, protective glasses or face shield/shields must be used as a supplement. Use face covering that ensure bacterial filtration (surgical mask type 1 or 2).



Do you need more knowledge?

See more about prevention of dissemination in workplaces

www.baujordtilbord.dk or
www.sst.dk/da/Udgivelser/2020/forebyg-smitte-mod-coronasmitte

Contact Task Force* for the green industries for restriction of corona dissemination if you have any questions for have found a good solution that may benefit others:

Agriculture and foods

SEGES:

Working environment manager
Helle Birk Domino
mobile 45 2133 7730

Fagligt Fælles Forbund (United Federation of Danish Workers)

3F

Environmental and working environment, political consultant
Jesper Lund Larsen
telephone: +45 8892 1012

Gartneri- Land- og Skovbrugets

Arbejdsgivere (Nursery, agriculture and forestry employers), GLS-A,
HR and working environment manager
Anne Marie Hagelskjær Smit
telephone: +45 8740 3400

*Task force for the green trades comprises representatives from Landbrug & Fødevarer, 3F, GLS-A, the Danish Working Environment Authority and Statens Serum Institut.

Where can there be a risk of droplet transmission?

Hard physical work or extreme efforts in which persons working closely together on an assignment can start panting due to the work and thus increase the droplet transmission. For example two persons who perform a heavy lift together.

Solutions may be: Use of face covering or face masks. Where possible, obtain technical aid so that one person can perform the assignment.

Rooms or working areas where many move about and it is usual to work within the distance of one metre.

Solutions may be: No more than 1 person per 4 m² in a small room – staggering of breaks – staggered working teams/working hours – shielding – face covering or face masks – permanent teams – marking of walkways – distance markings.

Narrow access routes where there is a risk of crowding as many persons must pass each other or it is difficult for two persons to pass one another and comply with a distance requirement of at least 1 metre.

Solutions may be: The same as those mentioned above. Furthermore, one-way traffic for persons walking – or employees turn their heads away to avoid unintended transmission in case of coughing and sneezing when they pass one another. Plan “who does what and when” so that the traffic is reduced in crowded places.

Get inspiration for solutions here: [Idea catalogue](#)

Hard physical work can be: (mark with an X)	Solutions:	Responsible person:	Follow-up:
<input type="checkbox"/> Bags – heavy lifting <input type="checkbox"/> Handling of animals <input type="checkbox"/> Materials/tools <input type="checkbox"/> Anything else – which? <hr/>			
Rooms or working areas where many move about can be: <input type="checkbox"/> Small stable sections – which <input type="checkbox"/> Anterooms <input type="checkbox"/> Technical rooms <input type="checkbox"/> Workshop <input type="checkbox"/> Offices <input type="checkbox"/> Canteen/staff rooms <input type="checkbox"/> Milking parlour <input type="checkbox"/> Changing <input type="checkbox"/> Machines/tools/systems <input type="checkbox"/> Anything else – which? <hr/>			
Narrow access routes can be: <input type="checkbox"/> Narrow passages/stable passages <input type="checkbox"/> Entrances/exits <input type="checkbox"/> Areas with a risk of crowding <input type="checkbox"/> Anything else – which? <hr/>			
Information about guidelines: <input type="checkbox"/> Instructions for employees <input type="checkbox"/> Instructions for visitors <input type="checkbox"/> Guidelines material (language?) <input type="checkbox"/> Posters and markings <input type="checkbox"/> Anything else – which? <hr/>			