**Supplementary material to article by A. Vahlquist & H. Törmä “Ichthyosis: A Road Model for Skin Research”**

Fig. S1. Signs and symptoms of ichthyosis potentially risking the patient’s health and frequently reducing their quality of life (QoL). Clinical photos (from the author’s files) showing ichthyosis prematurily syndrome (top left), lamellar ichthyosis (top right), Harlequin ichthyosis (bottom left) and Sjögren-Larsson syndrome (bottom right).

**Symptoms negative for QoL**
- scaling, fissures, keratoderma
- pain, pruritus, erythema
- anhidrosis and hyperthermia
- alopecia, cosmesis, skin odour

**Life-threatening complications**
- neonatal asphyx, dehydration, electrolyte imbalance, septicemia

**Negative effects and risks associated with ichthyosis**

**Associated conditions**
- various syndromes (neurologic, hormonal, immune, deafness)
- other ectodermal complaints (eyes, teeth, orifices, hair, nails)

**Nutritional deficiency**
- vitamin D
- proteins & trace elements
- calories (energy spending)