

MEDICAL USE CASES

TelScope Telehealth System



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PATIENT-INITIATED TELEHEALTH IMAGES & VIDEO

Remote Cancer or Pre-Cancer Lesion Monitoring

Patients identified in clinic to have an oral lesion of undetermined significance are given the TelScope Telehealth System.

The patients send monthly photos using the TelScope via the electronic medical record.

When the physician or patient notice a change, the patient is brought in or referred for further evaluation and biopsy.

Remote Post-Operative Monitoring

Patients having had an oral or throat procedure are provided the TelScope Telehealth System.

Photographs and videos can be taken on routine intervals or based on patient concern and sent via the electronic medical record.

Remote Infection or Recurrent Oral Condition Monitoring

Patients with a recent, frequent, or recurrent oral condition (e.g. canker sores, strep throat, tonsillitis, "lie bumps," oral thrush) are provided the TelScope Telehealth System.

Photographs and videos can be taken when the patient perceives an oral change or as instructed by their provider to monitor resolution of lesions or infections.

PROVIDER-INITIATED TELEHEALTH IMAGES & VIDEO

Specialist: Oral Manifestations of Systemic Diseases

Dermatology, Endocrinology, Rheumatology, & Others

Conditions such as lupus, rheumatoid arthritis, diabetes, lichen planus, inflammatory bowel disease, Addison disease, and many others have oral manifestations.

Monitoring of these oral manifestations and documenting progression or improvement with the TelScope can help serve as a temporal and objective record of disease control.

Critical Care Medicine (ICU Care)

Patients in the ICU require multiple oral drains, tubes, or interventions (breathing tube, feeding tube, bronchoscope, etc.). The multiple tubes and the patient's sedation status often make standardized ICU oral care (which is a national standard) difficult or impossible.

The TelScope can be used to facilitate these required ICU oral examinations and ICU oral care.

Head and Neck Providers

Documentation / Monitoring of Lesions

Patients identified in clinic to have an oral lesion of undetermined significance have standardized photographs taken with the TelScope at each recall visit

Communication with Dentist or PCP

The TelScope images and videos taken, as noted above, can easily be sent via the electronic medical record or encrypted email to referring and primary providers

Communication with Pathologist

Pathologists frequently request intraoral images of lesions submitted for pathology evaluation.

The TelScope device facilitates this communication with standardized imaging and videos.

Anesthesia Providers

During pre-anesthesia visits anesthesia providers and nurses document oral and oropharyngeal scores such as the Mallampati score to address pre-operative airway risk.

Documenting this with the TelScope makes communication between the pre-anesthesia team and the day-of-surgery anesthesia team more clear and objective.