



eMOLST Overview

The NYeMOLST system is the first operationalized web application for both MOLST or POLST form completion and electronic retrieval in a registry. The tools and features in the eMOLST system ensure a standardized process is used for MOLST conversations. When the authorized health care practitioner signs the MOLST, a copy of the medical orders and the discussion automatically becomes part of the NYeMOLST registry and is available in all settings and across care transitions. eMOLST may be used with paper records, integrated in an EMR or hybrid system, as well as HIE, allows for electronic signature for providers and for the form to be printed for needed workflow in the paper world. eMOLST is free, available statewide and accessed at NYSeMOLSTregistry.com.

eMOLST ensures quality, accuracy, accessibility & reduces harm. The coding in eMOLST prevents incompatible orders and changes can be quickly updated as the patient's health status, prognosis, and goals for care change. When eMOLST is queried, the current accurate MOLST form and discussion are retrieved; older versions are available as "voided" forms. eMOLST has been recognized as best practice for having end-of-life discussions and documenting orders on a MOLST or POLST form.

We have spent nearly a decade answering some key questions and solving problems related to electronic form completion systems and registries including: how to best protect data, employing multiple tiers of validation, form versioning, and knowing how to successfully engage and integrate with EMRs in hospitals, nursing homes, and HIEs. Integration options include:

- **Single-Sign On (SSO):** allows eMOLST user to log into eMOLST automatically when their login credentials are passed to eMOLST from an authorized source
- **Single Sign-On with Patient Context:** allows SSO plus automates the search for a patient during the login process by sending information on the patient inside the special message.
- **Application Programming Interface (API):** allows a trusted system to query eMOLST for relevant information on a specific patient or to see if a patient matching those details even exists in the eMOLST registry. More granular information such as order status can also be delivered.

eSignature functionality is available. Providers validate the end-of-life discussion and selection of orders by logging into the eMOLST system where they can view all data entered on a patient. They can then confirm the conversation and electronically sign eMOLST forms and all documentation by answering a security question and choosing a secret image that they configure on first login. The provider's signature is then printed on all documents.

The eMOLST system is a mature product that has the capability to integrate industry-leading OCR tools, such as ABBYY, to validate, remediate and accept paper documents into the registry. And lastly, eMOLST provides a form completion and storage solution that has been functioning well and growing in New York for nearly a decade – providing data to hospitals, nursing homes, hospices, physician practices and health information exchanges with on-demand web services.

eMOLST has a sophisticated set of administrative tools that allows one person, the eMOLST Administrator, to configure and manage all organizations and users across New York State. Currently the eMOLST system has the capability to display simple reports regarding growth of patients, organizations, users, etc. We are building connections with a leading data visualization tool to allow administrators the ability to quickly see key metrics for their organization. Database-level transparent data encryption allows performant querying and reporting while remaining HIPAA-compliant.

Introductory information is found at [NYSeMOLSTRegistry](#). A multidimensional approach is needed for successful implementation. Administrative support, including tools and detailed workplans, are provided to participants to support culture change and the other key elements needed for successful implementation.

NYSDOH Attorney's Perspective on eMOLST (1:38)

https://youtu.be/r_JUkyPY6tc?list=PLCSvowXDKV5IEJX39GHvbs8ekkfNXec55

Bomba, P.A., & Karmel, J. B. (2015). [Medical, ethical and legal obligations to honor individual preferences near the end of life](#). Health Law Journal, 20(2), 28-33.

IPRO recorded webinar on eMOLST including demo:

<https://qualitynet.webex.com/qualitynet/ldr.php?RCID=f2c519e24280cba7863dab9ad1bf68ea>