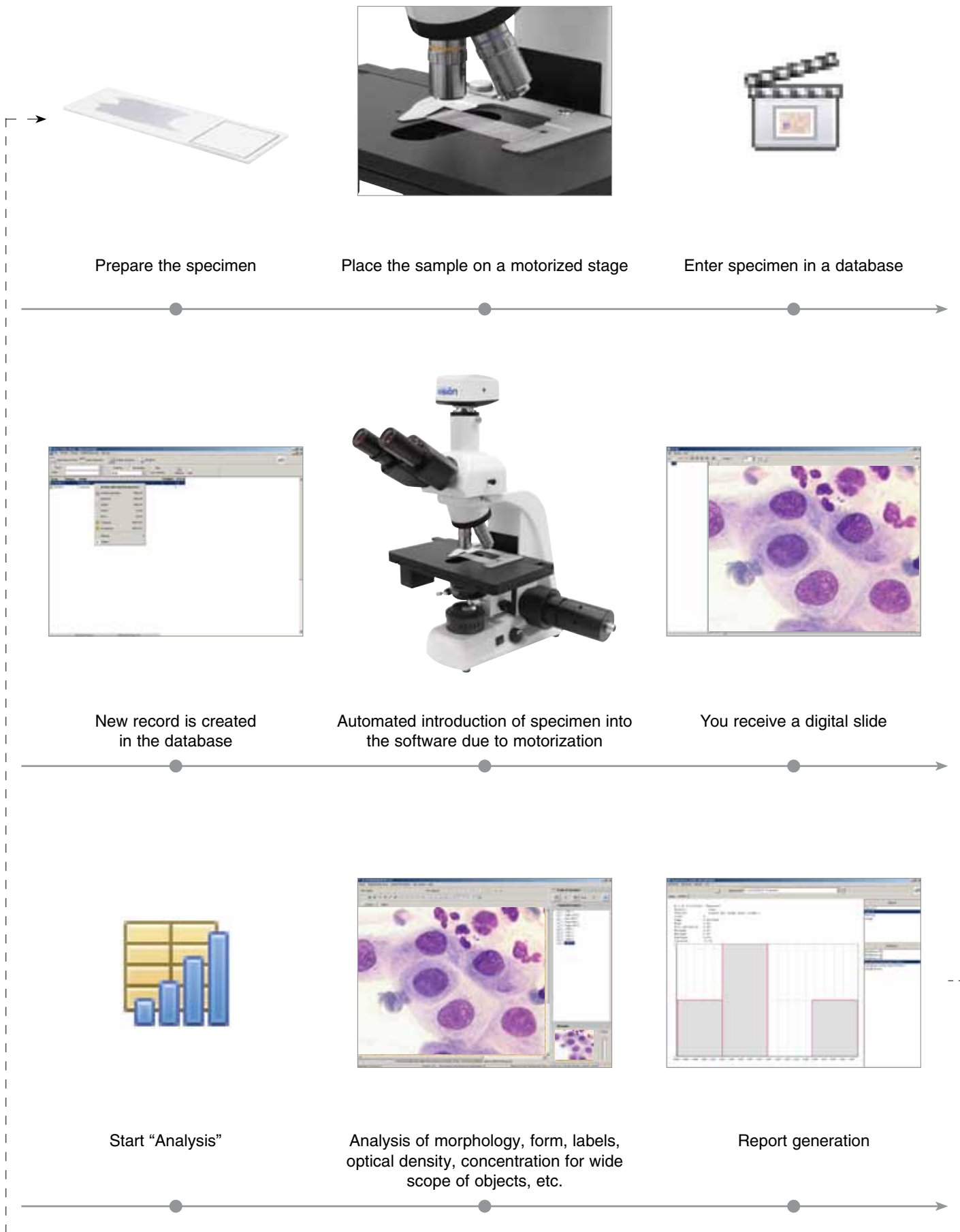


MorphoVision — Automated Morphology Analysis System

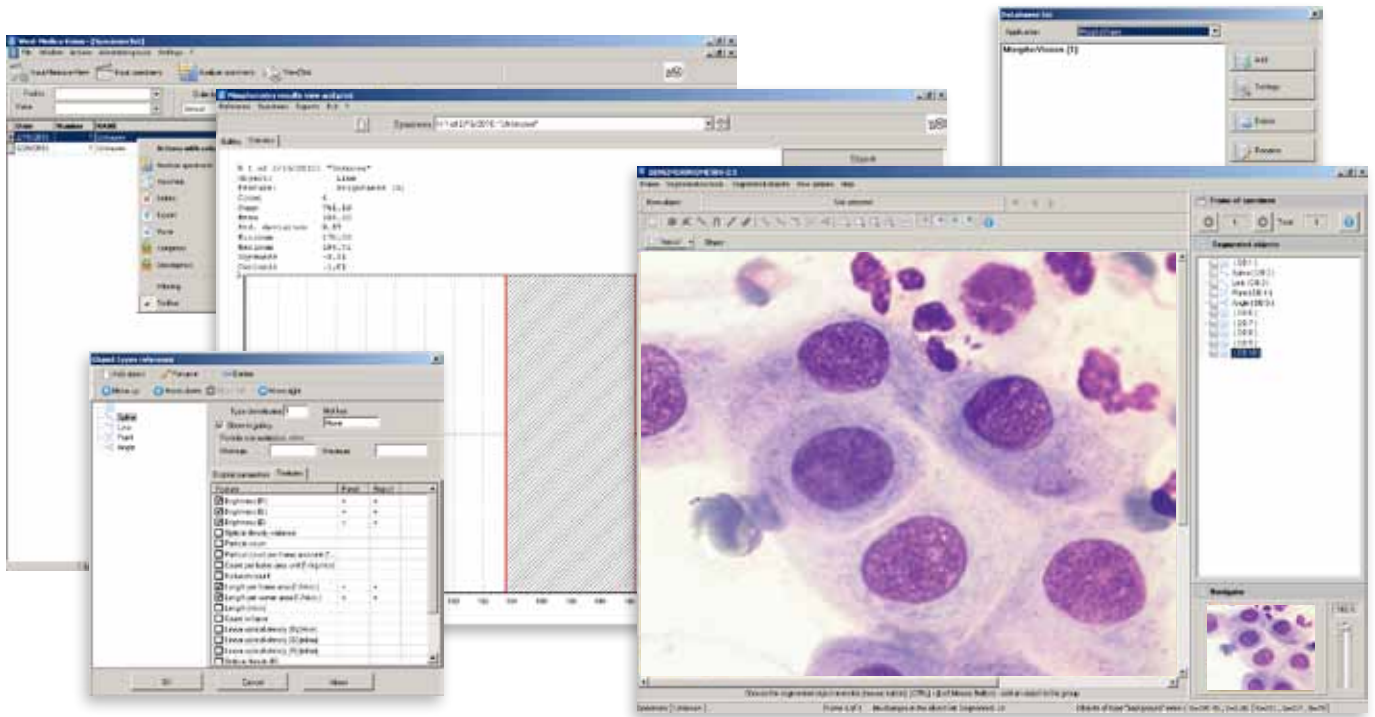


- **Efficiency**
Your style of work is changed completely — from manual to automated
- **Simplicity and convenience**
You work with one system only and do not waste time on manual operations with a microscope
- **Morphology analysis**
Analysis of morphology, form, labels, optical density, concentration for wide scope of objects, etc.

Automated analysis procedure



New level of morphology analysis



- **Efficiency**
Your style of work is changed completely — from manual to automated
- **Simplicity and convenience**
You work with one system only and do not waste time on manual operations with a microscope
- **Automation**
Automated preparation of digital specimen – several visual fields are merged into one
- **Dialogue navigation**
If you are interested in a specific area of sample, the system can save its coordinates. If necessary, motorized system can quickly and accurately return to that area, while you are studying another part of the sample
- **Autofocus**
Automated sharpness tuning when working with a sample
- **Image combination**
Obtaining images in various microscopy conditions for further combination, for example with color fluorescent labels and in transmitted light
- **Fluorescent microscopy**
Input of images from fluorescent microscope, automatic separation and quantitative analysis cytochemical and fluorescent labels of different types (FISH, FITC, AgNOR, HER2, Ki-67, etc.)
- **Morphology analysis**
Analysis of morphology, form, labels, optical density, concentration of wide scope of objects, etc.
- **Automatic allocation**
Means of object limits allocation with automated definition of contrast contours
- **Automatic parameter measurement**
Measurements of single objects and object galleries: optical density, chromaticity, brightness, shape, area, diameter, dimensions, texture, relative location, angles, nucleus-cytoplasmic and nucleus-cell ratios, object concentrations within the field of view
- **Database**
Digital version of the specimen is stored in the database. You don't need to worry about its safety, loss, physical damage or re-preparation of a sample. You can easily download the digital version of the specimen from the archive
- **Remote consultation**
Using the internet you can at any time send images of the specimen to your colleagues for consultation
- **Various applications**
 - medicine and biology
 - cytology and histology
 - forensics and pathology
 - remote consultations and telemedicine
 - training for specialists from different fields

WEST MEDICA
Hegelgasse 19, A-1010,
Vienna, Austria
tel.: +43 (1) 804 81 84
fax: +43 (1) 804 81 85
vienna@westmedica.com

WEST MEDICA
100 King St. W, Suite 5700,
Toronto, Ontario, M5X 1C7
tel.: +1 (416) 915-4245
fax: +1 (416) 915-3177
toronto@westmedica.com

www.vision-at.com
www.westmedica.com

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