ROK Study: Breast cancer survivorship cohort in Japan
-Study design and characteristics of 2,600 study participants-

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Background

- There are many breast cancer survivors due to high incidence and good prognosis.
- Patients have diverse interests for lifestyle factors to make prognosis better since it can be changed by themselves (diet, smoking, alcohol, exercise, obesity, etc.).
- Many clinical trials have been conducted for chemotherapeutic and hormonal therapy, but few studies are available for lifestyle factors and breast cancer prognosis.
- Several cohort studies have started in foreign countries.

Objectives

- To investigate the effect of lifestyle factors (diet, physical activity), psychosocial factors, CAM use on the effect of breast cancer prognosis including QOL, we started ROK Study - "Rainbow of KIBOU", cohort studies for breast cancer patients.
- In this presentation, we describe the study design and enrollment status.

Study Design of ROK Study

Collaboration with large scale multi-institution clinical trials and cancer registration

- Survey Items & Study Points
- Questionnaire
- Baseline data (as of SEP. 30, 2013)
- Enrollment (as of DEC 2, 2013)

Survey Items & Study Points

- Diagnosis & Study Points
- Results
- Conclusion

Concentration of patients treated at National Cancer Center Hospital

Survey Items & Study Points

- Life style before diagnosis
- Life style after diagnosis
- Enrolled 3,138 patients
- Aged 40-70
- Newly enrolled every month

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Life style before diagnosis
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Conclusion

- Recruitment began in NOV, 2007, and as of DEC, 2013, 3,138 women with breast cancer have been enrolled.
- As baseline data, 3,014 questionnaire data, 313 blood samples and tissues have been collected.
- As it is now, approximately 50 women a month newly enrolled.
- Recruitment will be continued at least into 2018.
- The ROK: Rainbow of KIBOU Study will become one of the largest breast cancer cohorts in the world.